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# COMPUTER SYSTEMS AND METHODS FOR CONST **CLASSIFIERS AND USES THEREOF**

This application is entitled to and claims priority benefit under 35 U.S.C. Section 119(e) to U.S. provisional application Number 60/581,312, filed June 19, 2004, U.S. provisional application Number 60/581,977, filed June 21, 2004, U.S. provisional application Number 60/643,475, filed January 12, 2005, and U.S. provisional application Number 60/663,722, filed March 22, 2005, each of which is incorporated herein by reference in its entirety.

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#### 1. FIELD OF THE INVENTION

The field of this invention relates to computer systems and methods to identify classifiers using data obtained from blood. The invention further encompasses the use of the classifiers and combinations of molecular markers identified by the classifiers in a wide variety of applications including: diagnosis; prognosis; prediction of disease, stage of disease or disease risk; monitoring disease progression and/or regression; monitoring disease reoccurrence and identifying risk of disease reoccurrence; determining and/or predicting response to treatment and/or treatment outcomes; monitoring and/or predicting treatment compliance or non compliance and the like.

<u>Table</u>	<b>DESCRIPTION</b>	SIZE	<u>Date</u> Recorded	Text File Name
1A	Sequence Related Table regarding Comorbid Hypertension	96KB	June 17, 2005	TABLE1A.TXT
1B	Sequence Related Table regarding Comorbid Obesity	102KB	June 17, 2005	TABLE1B.TXT
1C	Sequence Related Table regarding Comorbid Allergies	49KB	June 17, 2005	TABLE1C.TXT
1D	Sequence Related Table regarding Comorbid Systemic Steroids	59KB	June 17, 2005	TABLE1D.TXT
1E	Sequence Related Table regarding Hypertension (Chondro)	204KB	June 17, 2005	TABLE1E.TXT
1F	Sequence Related Table regarding Obesity (Chondro)	251KB	June 17, 2005	TABLE1F.TXT
1G	Sequence Related Table regarding CoMorbid Hypertension Only	57KB	June 17, 2005	TABLE1G.TXT
1H	Sequence Related Table regarding Hypertension OA Shared	23KB	June 17, 2005	TABLE1H.TXT
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1 <b>J</b>	Sequence Related Table regarding Obesity OA Shared	18KB	June 17, 2005	TABLE1J.TXT
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1M	Sequence Related Table regarding Comorbid Steroid Shared	40KB	June 17, 2005	TABLE1M.TXT
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10	Sequence Related Table regarding Differentiating Systemic Steroids (	49KB	June 17, 2005	TABLE1O.TXT
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1Q	Sequence Related Table regarding Hyperlipidemia	165KB	June 17, 2005	TABLE1Q.TXT
1R	Sequence Related Table regarding Lung Disease	102KB	June 17, 2005	TABLE1R.TXT
1S	Sequence Related Table regarding Bladder Cancer	830KB	June 17, 2005	TABLE1S.TXT
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1Z	Sequence Related Table regarding Liver Cancer	19KB	June 17, 2005	TABLE1Z.TXT
1Zb	Sequence Related Table regarding Liver Cancer	430KB	June 17, 2005	TABLE1Z.TXT
1AA	Sequence Related Table regarding Schizophrenia	592KB	June 17, 2005	TABLE1AA.TXT
1AB	Sequence Related Table regarding Chagas Disease	142KB	June 17, 2005	TABLE1AB.TXT
1AC	Sequence Related Table regarding Asthma (Chondro)	64KB	June 17, 2005	TABLE1AC.TXT
1AD	Sequence Related Table regarding Asthma (Affy)	57KB	June 17, 2005	TABLE1AD.TXT

1AE	Sequence Related Table regarding Lung Cancer	118KB	June 17, 2005	TABLE 1AE.TXT
1AG	Sequence Related Table regarding Hypertension (Affymetrix)	157KB	June 17, 2005	TABLE1AG.TXT
1AH	Sequence Related Table regarding Obesity	203KB	June 17, 2005	TABLE1AH.TXT
1AI	(Affymetrix) Sequence Related Table regarding Ankylosing Spondylitis (Affy)	267KB	June 17, 2005	TABLE1AI.TXT
2	Sequence Related Table regarding OA Only Subtraction	19KB	June 17, 2005	TABLE2.TXT
3A	Sequence Related Table regarding Schizophrenia v.	228KB	June 17, 2005	TABLE3A.TXT
3B	Sequence Related Table regarding Hepatitis v. Liver Cancer	347KB	June 17, 2005	TABLE3B.TXT
3C	Sequence Related Table regarding Bladder Cancer v. Kidney Cancer	470KB	June 17, 2005	TABLE3C.TXT
3D	Sequence Related Table regarding Bladder Cancer v. Testicular Cancer	556KB	June 17, 2005	TABLE3D.TXT
3E	Sequence Related Table regarding Testicular Cancer v. Kidney Cancer	588KB	June 17, 2005	TABLE3E.TXT
3F	Sequence Related Table regarding Liver Cancer v. Stomach Cancer	84KB	June 17, 2005	TABLE3F.TXT
3G	Sequence Related Table regarding Liver Cancer v. Colon Cancer	149KB	June 17, 2005	TABLE3G.TXT
3H	Sequence Related Table regarding Stomach Cancer v. Colon Cancer	166KB	June 17, 2005	TABLE3H.TXT
3I	Sequence Related Table regarding OA v. RA	214KB	June 17, 2005	TABLE3I.TXT
3K	Sequence Related Table regarding Chagas Disease v.Heart Failure	16KB	June 17, 2005	TABLE3K.TXT
3L	Sequence Related Table regarding Chagas Disease v. CAD	19KB	June 17, 2005	TABLE3L.TXT
3N	Sequence Related Table regarding CAD v. Heart Failure	13KB	June 17, 2005	TABLE3N.TXT
3P	Sequence Related Table regarding Asymptomatic Chagas v. Symptomatic	68KB	June 17, 2005	TABLE3P.TXT
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	Chagas			
3Q	Sequence Related Table regarding Alzheimers' v. Schizophrenia	56KB	June 17, 2005	TABLE3Q.TXT
3R	Sequence Related Table regarding Alzheimers' v. Manic Depression	51KB	June 17, 2005	TABLE3R.TXT
4A	Sequence Related Table regarding OA v. Control (ChondroChip)	538KB	June 17, 2005	TABLE4A.TXT
4B	Sequence Related Table regarding OA v. Control (Affy)	550KB	June 17, 2005	TABLE4B.TXT
4C	Sequence Related Table regarding OA mild v. Control (ChondroChip)	321KB	June 17, 2005	TABLE4C.TXT
4D	Sequence Related Table regarding OA mild v. Control (Affy)	587KB	June 17, 2005	TABLE 4D.TXT
4E	Sequence Related Table regarding OA moderate v. Control (ChondroChip)	198KB	June 17, 2005	TABLE4E.TXT
4F	Sequence Related Table regarding OA moderate v. Control (Affy)	576KB	June 17, 2005	TABLE4F.TXT
4G	Sequence Related Table regarding OA marked v. Control (ChondroChip)	203KB	June 17, 2005	TABLE4G.TXT
4H	Sequence Related Table regarding OA marked v. Control (Affy)	679KB	June 17, 2005	TABLE4H.TXT
4I	Sequence Related Table regarding OA severe v. Control (ChondroChip)	291KB	June 17, 2005	TABLE4I.TXT
4J	Sequence Related Table regarding OA severe v. Control (Affy)	607KB	June 17, 2005	TABLE4J.TXT
4K	Sequence Related Table regarding OA mild v. moderate (ChondroChip)	· 113KB	June 17, 2005	TABLE4K.TXT
4L	Sequence Related Table regarding OA mild v. moderate (Affy)	488KB	June 17, 2005	TABLE4L.TXT
4M	Sequence Related Table regarding OA mild v. marked (ChondroChip)	93KB	June 17, 2005	TABLE4M.TXT
4N	Sequence Related Table regarding OA mild v. marked (Affy)	373KB	June 17, 2005	TABLE4N.TXT
40	Sequence Related Table regarding OA mild v. severe	177KB	June 17, 2005	TABLE4O.TXT

	(ChondroChip)			
4P	Sequence Related Table regarding OA mild v. severe (Affy)	687KB	June 17, 2005	TABLE4P.TXT
4Q	Sequence Related Table regarding OA moderate v. marked (ChondroChip)	103KB	June 17, 2005	TABLE4Q.TXT
4R	Sequence Related Table regarding OA moderate v. marked (Affy)	450KB	June 17, 2005	TABLE4R.TXT
48	Sequence Related Table regarding OA moderate v. severe (ChondroChip)	79KB	June 17, 2005	TABLE4S.TXT
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4U	Sequence Related Table regarding OA marked v. severe (ChondroChip)	66KB	June 17, 2005	TABLE4U.TXT
4V	Sequence Related Table regarding OA marked v. severe (Affy)	758KB	June 17, 2005	TABLE4V.TXT
5A	Sequence Related Table regarding Psoriasis v. Control	80KB	June 17, 2005	TABLE5A.TXT
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5D	Sequence Related Table regarding Osteoporosis v. Control	79KB	June 17, 2005	TABLE5D.TXT
5E	Sequence Related Table regarding Migraine Headaches v. Control	231KB	June 17, 2005	TABLE5E.TXT
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5K	Sequence Related Table regarding Chronic Cholecystis	53KB	June 17, 2005	TABLE5K.TXT

	v. Control			
5L	Sequence Related Table regarding Heart Failure v. Control	160KB	June 17, 2005	TABLE5L.TXT
5M	Sequence Related Table regarding Cervical Cancer v. Control	304KB	June 17, 2005	TABLE5M.TXT
5N	Sequence Related Table regarding Stomach Cancer v. Control	185KB	June 17, 2005	TABLE5N.TXT
5O .	Sequence Related Table regarding Kidney Cancer v. Control	404KB	June 17, 2005	TABLE5O.TXT
5P	Sequence Related Table regarding Testicular Cancer v. Control	486KB	June 17, 2005	TABLE5P.TXT
5Q	Sequence Related Table regarding Colon Cancer v. Control	380KB	June 17, 2005	TABLE5Q.TXT
5R	Sequence Related Table regarding Hepatitis B v. Control	140KB	June 17, 2005	TABLE5R.TXT
5S	Sequence Related Table regarding Pancreatic Cancer v. Control	177KB	June 17, 2005	TABLE5S.TXT
5T	Sequence Related Table regarding Asymptomatic Chagas v. Control	63KB	June 17, 2005	TABLE5T.TXT
5U	Sequence Related Table regarding Symptomatic Chagas v. Control	77KB	June 17, 2005	TABLESU.TXT
5V	Sequence Related Table regarding Bladder Cancer v. Control	383KB	June 17, 2005	TABLE5V.TXT
6A	Sequence Related Table regarding Cancer (all types) v. Control	163KB	June 17, 2005	TABLE6A.TXT
6B	Sequence Related Table regarding Cardiovascular Disease v. Control	73KB	June 17, 2005	TABLE6B.TXT
6C	Sequence Related Table regarding Neurological Diseases v. Control	337KB	June 17, 2005	TABLE6C.TXT
7A	Sequence Related Table regarding Celebrex® v. all Cox inhibitors except Celebrex	55KB	June 17, 2005	TABLE7A.TXT
7B	Sequence Related Table regarding Celebrex® v. Control	57KB	June 17, 2005	TABLE7B.TXT
7C	Sequence Related Table	53KB	June 17,	TABLE7C.TXT

	regarding Vioxx® v. Control		2005	
7D	Sequence Related Table regarding Vioxx® v. All Cox Inhibitors except Vioxx®	49KB	June 17, 2005	TABLE7D.TXT
<b>7</b> E	Sequence Related Table regarding NSAIDS v. Control	72KB	June 17, 2005	TABLE7E.TXT
7F	Sequence Related Table regarding Cortisone v. Control	208KB	June 17, 2005	TABLE7F.TXT
7G	Sequence Related Table regarding Visco Supplement v. Control	316KB	June 17, 2005	TABLE7G.TXT
7H	Sequence Related Table regarding Lipitor® v. Control	131KB	June 17, 2005	TABLE7H.TXT
7I	Sequence Related Table regarding Smoker v. Non-Smoker	23KB	June 17, 2005	TABLE7I.TXT

#### 2. BACKGROUND OF THE INVENTION

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The prior art is deficient in simple, non-invasive and effective methods of identifying molecular markers and the use of said molecular markers for purposes of: diagnosis; prognosis; prediction of disease, stage of disease or disease risk; monitor disease progression and/or regression; monitor disease reoccurrence and identifying risk of disease reoccurrence or the like. The prior art is also deficient in simple non-invasive methods of identifying molecular markers and use of said molecular markers to determine and/or predict response to treatment and/or treatment outcomes, monitor and/or predict treatment compliance or non-compliance, etc. Although progress has been made in identifying molecular markers by detecting the products of putative molecular markers using expression arrays in a variety of diagnostic areas and therapeutic areas, such progress has been primarily limited to studying non-blood tissue samples, such as primary tumors, that are difficult to obtain and thus have limited potential as a diagnostic. What is even more unsatisfactory is that retrieval of such tissue samples often requires invasive medical procedures such as surgery. Prediction of response to treatment is also a significant problem. It is well understood that, for many currently recognized treatments, only a small percentage of the population (for example approximately 20-30%) will respond positively. Amongst the remainder of the population, there are those who do not improve, and others who display a negative or toxic response to the treatment. As a result of these detrimental effects to some, many effective treatments do not get to market. The prior art is thus deficient in simple, non-invasive methods to analyze and predict treatment and response to treatment.

Such drawbacks have made identification of molecular markers unsatisfactorily difficult. See, for example, Alon *et al.*, 1999, Proc. Natl. Acad. Sci. USA 96, pp. 6745-6750; Schummer *et al.*, 1999, Gene 238, pp. 375-385; and van't Veer, 2002, Nature 415, pp. 530-536.

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Even where progress has been made in identifying molecular markers by monitoring molecular marker products using expression arrays – whether in blood or using tissue – the techniques utilized merely identify large number of molecular markers two or more of which may be required so as to permit categorizing an unknown sample for diagnosis. It is not clear, however, which of these molecular markers are most useful to accurately diagnose an unknown sample. In addition, techniques currently available in the art are not sufficiently robust (ie high levels of reproducibility) in accordance with scientific and regulatory standards so as to be used reliably to diagnose a test individual. Thus what is required in the art is a means to select smaller subsets of useful molecular markers which when used in combination permit the accurate and reproducible diagnosis of an unknown sample for a particular trait of interest. Further what is required in the art is a means of translating the molecular marker data from these selected combinations so as to convert these into a diagnosis.

Discussion or citation of a reference herein will not be construed as an admission that such reference is prior art to the present invention.

## 3. SUMMARY OF THE INVENTION

Thus what is needed in the art is a method to identify useful combinations of molecular markers and a means of using said combinations of molecular markers (or more accurately measurement of the products of said molecular markers) so as to permit diagnosis of a test sample. Embodiments of the present invention address many of the shortcomings and drawbacks found in the prior art by the novel approach of using molecular marker measurement data from blood and methods of processing such data to screen the large numbers of candidate molecular markers in blood so as to identify useful combinations of these molecular markers. Embodiments of the present invention involve the construction of classifiers and use of these classifiers. In addition, embodiments of the invention involve the use of the molecular markers identified by these classifiers to diagnose or otherwise determine whether a test subject has a specific trait of interest. Blood offers a surprisingly informative alternative to tissues as a source of information. Blood includes numerous cell types including monocytes, leukocytes, lymphocytes, erythrocytes, platelets, as well as possibly many other cell types. The turnover of cells in

the human circulatory system is rapid. As a consequence of continuous interactions between the blood and the body, it has been hypothesized that the changes that occur within the cells or tissues of the body will trigger specific changes in gene expression within blood. See, for example, United States patent application serial No. 10/601,518, filed June 20, 2003, United States patent application serial No.10/802,875, filed March 12, 2004, United States patent application serial No. 10/809,675, filed March 25, 2004, United States patent application serial No. 10/268,730, filed October 9, 2002, United States patent application serial No. 09/477,148, filed January 4, 2000, and United States patent application serial No. 60/115,125, filed Jan. 6, 1999, which are hereby incorporated herein by reference in their entirety. Thus, blood has the potential to provide a powerful indicator of what is happening in the human body at any given time, but provides unique challenges to harness this vast amount of potential information available. Embodiments of the current invention help address this challenge.

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## 4. BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 illustrates a computer system for determining and selecting useful biological classifiers.

Fig. 2 illustrates a method for deriving biological classifiers in accordance with an embodiment of the present invention.

Fig. 3 is a flowchart of a method of applying the classifiers to a patient.

Fig. 4 illustrates a data structure for storing high throughput information for a plurality of molecular markers in accordance with one embodiment of the present invention.

Fig. 5 illustrates a data structure for storing a plurality of classifiers in accordance with one embodiment of the present invention.

Fig. 6 illustrates a patient database for storing data for molecular markers for a plurality of patients in accordance with an embodiment of the present invention.

Fig. 7 illustrates a Receiver Operating Characteristic (ROC) curve that is used to assess the discriminating ability of a molecular marker or a classifier in accordance with one embodiment of the present invention.

Fig. 8 illustrates ROC curves corresponding to two candidate classifiers for osteoarthritis computed in accordance with one embodiment of the present invention.

# **Description of Tables:**

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Table 1 as a group of tables identifies the molecular markers that are differentially expressed in blood samples from patients with a disease or patients who are co-morbid as

compared to blood samples from healthy patients or patients without said disease, or with only one of said co-morbid diseases and also shows the sequences of selected products of the identified molecular markers. Molecular marker data from the molecular markers listed in each table or a subset of these molecular markers can be used can be used in steps 214-218 as outlined in Figure 2B so as to identify classifiers and the combinations of molecular markers which form the classifiers useful in diagnosis.

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Table 1A identifies the molecular markers which are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has both osteoarthritis and hypertension as compared with a second trait subgroup wherein each member of the second trait subgroup has neither osteoarthritis nor hypertension using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1B shows the identity of those molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has both osteoarthritis and obesity as compared with a second trait subgroup wherein each member of the second trait subgroup has neither osteoarthritis nor obesity using the ChondroChip<sup>TM</sup> platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1C shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has both osteoarthritis and allergies as compared with a second trait subgroup wherein each member of the second trait subgroup has neither osteoarthritis nor allergies using the ChondroChip<sup>TM</sup> platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1D shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has both osteoarthritis and subject to systemic steroids as compared with normal patients using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1E shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has hypertension as compared to a second trait subgroup wherein each member of the second trait subgroup did not have hypertension using the ChondroChip<sup>TM</sup>

platform. The table also shows the sequences of selected products of the identified molecular markers.

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Table 1F shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has obesity as compared to a second trait subgroup wherein each member of the second trait subgroup did not have obesity using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1G shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has hypertension and OA when compared with a second trait subgroup wherein each member of the second trait subgroup have OA only wherein molecular markers identified in Table 1A have been removed so as to identify molecular markers which are unique to hypertension. The table also shows the sequences of selected products of the identified molecular markers.

Table 1H shows the molecular markers which were identified in Table 1A which are shared with those molecular markers differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has both hypertension and OA when compared with a second trait subgroup wherein each member of the second trait subgroup have OA only. The table also shows the sequences of selected products of the identified molecular markers.

Table 1I shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has both obesity and have OA when compared with a second trait subgroup wherein each member of the second trait subgroup have OA only and wherein molecular markers identified in Table 1B have been removed so as to identify molecular markers which are unique to obesity. The table also shows the sequences of selected products of the identified molecular markers.

Table 1J shows the molecular markers identified in Table 1B which are shared with those molecular markers differentially expressed in blood samples from patients who are obese and have OA when compared with patients who have OA. The table also shows the sequences of selected products of the identified molecular markers.

Table 1K shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has both allergies and OA when compared with a second trait subgroup

wherein each member of the second trait subgroup have OA only wherein molecular markers identified in Table 1C have been removed so as to identify molecular markers which are unique to allergies. The table also shows the sequences of selected products of the identified molecular markers.

Table 1L shows the identify of those molecular markers identified in Table 3C which are shared with those molecular markers differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has both allergies and OA when compared with a second trait subgroup wherein each member of the second trait subgroup having OA only. The table also shows the sequences of selected products of the identified molecular markers.

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Table 1M shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup is taking systemic steroids and has OA when compared with a second trait subgroup wherein each member of the second trait subgroup have OA only wherein molecular markers identified in Table 1D have been removed so as to identify molecular markers which are unique to patients on systemic steroids. The table also shows the sequences of selected products of the identified molecular markers.

Table 1N shows the identify of those molecular markers identified in Table 1D which are shared with those molecular markers differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup who are on systemic steroids and have OA when compared with a second trait subgroup wherein each member of the second trait subgroup have OA only. The table also shows the sequences of selected products of the identified molecular markers.

Table 1O shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup are either taking birth control, on prednisone or on hormone replacement therapy and presenting with OA using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1P shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has both type II diabetes as compared to a second trait subgroup wherein each member of the second trait subgroup does not have type II diabetes using the ChondroChip<sup>TM</sup> platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1Q shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has Hyperlipidemia as compared to a second trait subgroup wherein each member of the second trait subgroup does not have Hyperlipidemia using the ChondroChip™ platform. The table also shows the sequences of selected products of the

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identified molecular markers.

Table 1R shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has lung disease as compared to a second trait subgroup wherein each member of the second trait subgroup does not have lung disease using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1S shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has bladder cancer as compared to a second trait subgroup wherein each member of the second trait subgroup does not have bladder cancer using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1T shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has early stage bladder cancer, late stage bladder cancer with a second trait subgroup wherein each member of the second trait subgroup does not have bladder cancer using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1U shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has coronary artery disease (CAD) as compared to a second trait subgroup wherein each member of the second trait subgroup does not have not having CAD using the ChondroChip<sup>TM</sup> platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1V shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has rheumatoid arthritis as compared to a second trait subgroup wherein each member of the second trait subgroup does not have rheumatoid arthritis using the

ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1W shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has rheumatoid arthritis as compared to a second trait subgroup wherein each member of the second trait subgroup does not have rheumatoid arthritis using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

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Table 1X shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has depression as compared with a second trait subgroup wherein each member of the second trait subgroup does not having depression using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1Y shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has one of various stages of osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup does not have osteoarthritis using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1Z shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has liver cancer as compared with a second trait subgroup wherein each member of the second trait subgroup does not have liver cancer using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1Z(B) shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has liver cancer as compared with a second trait subgroup wherein each member of the second trait subgroup does not have liver cancer using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1AA shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member

of the subgroup has schizophrenia as compared with a second trait subgroup wherein each member of the second trait subgroup does not have schizophrenia using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

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Table 1AB shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has Chagas disease as compared with a second trait subgroup wherein each member of the second trait subgroup does not have Chagas disease using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1AC shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has both asthma and osteoarthritis as compared a second trait subgroup wherein each member of the second trait subgroup has only osteoarthritis using the ChondroChip<sup>TM</sup>. The table also shows the sequences of selected products of the identified molecular markers.

Table 1AD shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has asthma as compared with a second trait subgroup wherein each member of the second trait subgroup does not have asthma using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1AE shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has lung cancer as compared with a second trait subgroup wherein each member of the second trait subgroup does not have lung cancer using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1AG shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has hypertension as compared with a second trait subgroup wherein each member of the second trait subgroup does not have hypertension using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 1AH shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has obesity as compared with a second trait subgroup wherein each member of the second trait subgroup does not have obesity using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

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Table 1AI shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has ankylosing spondylitis as compared with a second trait subgroup wherein each member of the second trait subgroup does not have ankylosing spondylitis using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 2 shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has either mild or severe OA, but for which molecular markers relevant to asthma, obesity, hypertension, systemic steroids and allergies have been removed. The table also shows the sequences of selected products of the identified molecular markers.

Table 3 is a group of tables wherein each table shows those molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has a first disease as compared to blood samples from a second trait subgroup wherein each member of the second trait subgroup has a second disease so as to allow differential diagnosis as between said first and second disease.

Table 3A shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has schizophrenia as compared with a second trait subgroup wherein each member of the second trait subgroup has manic depression syndrome (MDS) using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 3B shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has hepatitis as compared with a second trait subgroup wherein each member of the second trait subgroup has liver cancer using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 3C shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has bladder cancer as compared with a second trait subgroup wherein each member of the second trait subgroup has liver cancer using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

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Table 3D shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has bladder cancer as compared with a second trait subgroup wherein each member of the second trait subgroup has testicular cancer using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 3E shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has testicular cancer as compared with a second trait subgroup wherein each member of the second trait subgroup has kidney cancer using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 3F shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has liver cancer as compared with a second trait subgroup wherein each member of the second trait subgroup has stomach cancer using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 3G shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has liver cancer as compared with a second trait subgroup wherein each member of the second trait subgroup has colon cancer using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 3H shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has stomach cancer as compared with a second trait subgroup wherein each member of the second trait subgroup has colon cancer using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 3I shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has Rheumatoid Arthritis as compared with a second trait subgroup wherein each member of the second trait subgroup has Osteoarthritis using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

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Table 3K shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has Chagas Disease as compared with a second trait subgroup wherein each member of the second trait subgroup has Heart Failure using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 3L shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has Chagas Disease as compared with a second trait subgroup wherein each member of the second trait subgroup has Coronary Artery Disease using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 3N shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has Coronary Artery Disease as compared with a second trait subgroup wherein each member of the second trait subgroup has Heart Failure using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 3P shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has Asymptomatic Chagas Disease as compared with a second trait subgroup wherein each member of the second trait subgroup has Symptomatic Chagas Disease using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 3Q shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has Alzheimer's' as compared with a second trait subgroup wherein each member of the second trait subgroup has Schizophrenia using the Affymetrix® platform.

The table also shows the sequences of selected products of the identified molecular markers.

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Table 3R shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has Alzheimer's' as compared with a second trait subgroup wherein each member of the second trait subgroup has Manic Depression Syndrome using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 4 tables are those which shows molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has a stage of Osteoarthritis as compared to blood samples from a second trait subgroup wherein each member of the second trait subgroup has a second stage of Osteoarthritis so as to allow monitoring of progression and/or regression of disease. Each table also shows the sequences of selected products of the identified molecular markers.

Table 4A shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup is without Osteoarthritis using the ChondroChip<sup>TM</sup> platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 4B shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup is without Osteoarthritis using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 4C shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has mild Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup is without mild Osteoarthritis using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 4D shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has mild Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup is without Osteoarthritis using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

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Table 4E shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has moderate Osteoarthritis as compared with patients without Osteoarthritis using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 4F shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has moderate Osteoarthritis as compared a second trait subgroup wherein each member of the second trait subgroup is without Osteoarthritis using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 4G shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has marked Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup is without Osteoarthritis using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 4H shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has marked Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup is without Osteoarthritis using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 4I shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has severe Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup is without Osteoarthritis using the ChondroChip<sup>TM</sup>

platform. The table also shows the sequences of selected products of the identified molecular markers.

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Table 4J shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has severe Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup is without Osteoarthritis using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 4K shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has mild Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup has moderate Osteoarthritis using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 4L shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has mild Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup has moderate Osteoarthritis using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 4M shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has mild Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup has marked Osteoarthritis using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 4N shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has mild Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup has marked Osteoarthritis using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 40 shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the

subgroup has mild Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup has severe Osteoarthritis using the ChondroChip<sup>TM</sup> platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 4P shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has mild Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup has severe Osteoarthritis using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

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Table 4Q shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has moderate Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup has marked Osteoarthritis using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 4R shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has moderate Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup has marked Osteoarthritis using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 4S shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has moderate Osteoarthritis as compared with patients a second trait subgroup wherein each member of the second trait subgroup has severe Osteoarthritis using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 4T shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has moderate Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup has severe Osteoarthritis using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 4U shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has marked Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup has severe Osteoarthritis using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

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Table 4V shows the molecular markers that are differentially expressed in blood from a training population comprised of a first trait subgroup where each member of the subgroup has marked Osteoarthritis as compared with a second trait subgroup wherein each member of the second trait subgroup has severe Osteoarthritis using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 5 tables are those which identify molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has a disease or condition of interest as compared to blood samples from a second trait subgroup wherein each member of the second trait subgroup is without said disease or condition. The tables also shows the sequences of selected products of the identified molecular markers.

Table 5A shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has psoriasis as compared with a second trait subgroup wherein each member of the second trait subgroup does not have psoriasis using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 5B shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has thyroid disorder as compared with a second trait subgroup wherein each member of the second trait subgroup does not have thyroid disorder using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 5C shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has irritable bowel syndrome as compared with a second trait subgroup wherein each member of the second trait subgroup does not have irritable bowel syndrome

using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 5D shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has osteoporosis as compared with a second trait subgroup wherein each member of the second trait subgroup does not have osteoporosis using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

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Table 5E shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has migraine headaches as compared with a second trait subgroup wherein each member of the second trait subgroup does not have migraine headaches using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 5F shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has eczema as compared with a second trait subgroup wherein each member of the second trait subgroup does not have eczema using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 5G shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has NASH as compared with a second trait subgroup wherein each member of the second trait subgroup does not have NASH using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 5H shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has Alzheimers' disease as compared with a second trait subgroup wherein each member of the second trait subgroup does not have Alzheimer's disease using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 5I shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member

of the subgroup has Manic Depression Syndrome as compared with a second trait subgroup wherein each member of the second trait subgroup does not have Manic Depression Syndrome using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

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Table 5J shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has Crohn's Colitis as compared with a second trait subgroup wherein each member of the second trait subgroup does not have Crohn's Colitis using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 5K shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has Chronic Cholecystis as compared with a second trait subgroup wherein each member of the second trait subgroup does not have Chronic Cholecystis using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 5L shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has Heart Failure as compared with a second trait subgroup wherein each member of the second trait subgroup does not have Heart Failure using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 5M shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has Cervical Cancer as compared with a second trait subgroup wherein each member of the second trait subgroup does not have Cervical Cancer using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 5N shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has Stomach Cancer as compared with a second trait subgroup wherein each member of the second trait subgroup does not have Stomach Cancer using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 50 shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has Kidney Cancer as compared with a second trait subgroup wherein each member of the second trait subgroup does not have Kidney Cancer using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

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Table 5P shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has Testicular Cancer as compared with a second trait subgroup wherein each member of the second trait subgroup does not have Testicular Cancer using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 5Q shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has Colon Cancer as compared a second trait subgroup wherein each member of the second trait subgroup does not have Colon Cancer using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 5R shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has Hepatitis B as compared with a second trait subgroup wherein each member of the second trait subgroup does not have Hepatitis B using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 5S shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has Pancreatic Cancer as compared with a second trait subgroup wherein each member of the second trait subgroup does not have Pancreatic Cancer using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 5T shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has Asymptomatic Chagas as compared with a second trait subgroup wherein each member of the second trait subgroup does not have Chagas using the

Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 5U shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has Symptomatic Chagas as compared with a second trait subgroup wherein each member of the second trait subgroup does not have Chagas using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

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Table 5V shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has Bladder Cancer as compared with patients not having Bladder Cancer using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 6 tables are those tables which show those molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has any one of a series of related conditions as compared to blood samples a second trait subgroup wherein each member of the second trait subgroup does not have said related conditions. The table also shows the sequences of selected products of the identified molecular markers.

Table 6A shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has Cancer as compared with a second trait subgroup wherein each member of the second trait subgroup does not have Cancer using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 6B shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup with Cardiovascular Disease as compared with a second trait subgroup wherein each member of the second trait subgroup does not have a Cardiovascular Disease using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 6C shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup has a Neurological Disease as compared with a second trait subgroup

wherein each member of the second trait subgroup does not have a Neurological Disease using the Affymetrix® platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 7 tables are those tables which show molecular markers that are differentially expressed in blood samples from with a condition wherein said condition is a treatment as compared to blood samples from patients without said treatment or with a different said treatment.

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Table 7A shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup is taking Celebrex® as compared a second trait subgroup wherein each member of the second trait subgroup is taking a Cox Inhibitor which was not Celebrex® using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 7B shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup is taking Celebrex® as compared with a second trait subgroup wherein each member of the second trait subgroup is not taking Celebrex® using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 7C shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup is taking Vioxx® as compared a second trait subgroup wherein each member of the second trait subgroup is not taking Vioxx® using the ChondroChip<sup>TM</sup> platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 7D shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup is taking Vioxx® as compared with a second trait subgroup wherein each member of the second trait subgroup on a Cox inhibitor but not on Vioxx® using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 7E shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup is taking NSAIDS as compared with patients not on NSAIDS using the

ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 7F shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup is taking Cortisone as compared with a second trait subgroup wherein each member of the second trait subgroup on not on Cortisone using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

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Table 7G shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup is taking Visco Supplement as compared with a second trait subgroup wherein each member of the second trait subgroup not on Visco Supplement using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 7H shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup is taking Lipitor® as compared with a second trait subgroup wherein each member of the second trait subgroup not on Lipitor® using the ChondroChip™ platform. The table also shows the sequences of selected products of the identified molecular markers.

Table 7I shows the molecular markers that are differentially expressed in blood samples from a training population comprised of a first trait subgroup where each member of the subgroup is who are smokers as compared with a second trait subgroup wherein each member of the second trait subgroup who are not smokers using the ChondroChip<sup>TM</sup> platform. The table also shows the sequences of selected products of the identified molecular markers.

To further clarify, Tables 1AA; 1AB; 1AD; 1AE; 1AG; 1AH; 1AT; 1S; 1T; 1U; 1W; 1Z(b); 3A; 3B; 3C; 3D; 3E; 3F; 3G; 3H; 3I; 3K; 3L; 3P; 3Q; 3R; 4B; 4D; 4F; 4H; 4J; 4L; 4N; 4P; 4R; 4T; 4V; 5A; 5B; 5C; 5D; 5EE; 5F; 5G; 5H; 5I; 5J; 5K; 5L; 5M; 5N; 5O; 5P 5Q; 5R; 5S; 5T; 5U; 5V; 6A; 6B; 6C; 7F; and 7G each identify the molecular markers identified using the Affymetrix® genechip to screen the products of the majority of molecular markers of the human genome in accordance with step 202.

Tables 1A; 1 AC; 1B; 1C; 1D; 1E; 1F; 1G; 1H; 1I; 1J; 1K; 1L; 1M; 1N; 1O; 1P; 1Q; 1R; 1V; 1X; 1Y; 1Z; 2; 4A; 4C; 4E; 4G; 4I; 4K; 4M; 4O; 4Q; 4S; 4V; 7A; 7B; 7C;

7D; 7E; 7H; and 7I each identify molecular markers identified using our own ChondroChip™ genechip to screen the products of the majority of the molecular markers of the human genome.

Like reference numerals refer to corresponding parts throughout the several views of the drawings.

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#### 5. DETAILED DESCRIPTION

The embodiments of the present invention use novel approaches to screen and select molecular markers and develop classifiers that can be used to harness the use of molecular marker data from blood. The present invention thus provides systems and methods for constructing biological classifiers using molecular marker data from blood by providing a method to screen and select from a large variety of potential molecular markers so as to identify a small subset of molecular markers. The classifiers and the combinations of molecular markers identified using aspects of the current invention are useful for a wide variety of purposes including: diagnosis; prognosis; prediction of disease, stage of disease or disease risk; monitoring disease progression and/or regression; monitoring disease reoccurrence and identifying risk of disease reoccurrence; determining and/or predicting response to treatment and/or treatment outcomes; monitoring and/or predicting treatment compliance or non-compliance and the like. As used herein, a "condition" includes a mode or state of being including a physical, emotional, psychological or pathological state. A condition can be as a result of both "genetic" (ie genetically inherited) and/or "environmental" factors (ie the result of exposure to internal or external influences). In one embodiment of the invention, a condition is a disease. In another embodiment of the invention, a condition is a stage of a disease. In yet another embodiment of the invention, a condition is a mode or state of being which is not a disease. For example in one embodiment, a condition which is not a disease is a condition resulting from the progression of time. A condition resulting from progression of time can include, but is not limited to: memory loss, loss of skin elasticity, loss of muscle tone, and loss of sexual desire. In a further embodiment of the invention a condition which is not a disease is the response to treatment. A treatment can include, but is not limited to disease modifying treatments as well as treatments useful in mitigating the symptoms of disease. For example treatments can include drugs specific for a disease of the invention.

As used herein, the term "data" or "molecular marker data" generally refers to data reflective of the abundance of a product of a molecular marker in blood including either or both of RNA and protein.

As used herein, "diagnosis" includes the ability to determine that an individual has or does not have a specific condition or conditions. Diagnosis also refers to the ability to determine that an individual has one condition or conditions as compared with one or more other condition or conditions. In some embodiments, diagnosis refers to the ability to demonstrate an increased likelihood that an individual has a specific condition. "diagnosis" refers to the ability to demonstrate an increased likelihood that an individual has one condition as compared to a second condition. More particularly "diagnosis" refers to a process whereby there is an increased likelihood that an individual is properly characterized as having a condition ("true positive") or is properly characterized as not having a condition (or is properly characterized as having the second condition where the diagnosis is as between two conditions) ("true negative") while minimizing the likelihood that the individual is improperly characterized with said condition ("false positive") or improperly characterized as not being afflicted with said condition (or improperly characterized as having the second condition)("false negative").

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As used herein, the term "differential expression" refers to a difference in the level of expression of the RNA and/or protein products of a molecular marker of the invention, as measured by the amount or level of RNA or protein. In reference to RNA, it can include difference in the level of expression of mRNA, and/or one or more spliced variants of mRNA of the biomarker in one sample as compared with the level of expression of the same one or more biomarkers of the invention as measured by the amount or level of RNA, including mRNA and/or one or more spliced variants of mRNA in a second sample. "Differentially expressed" or "differential expression" can also include a measurement of the protein, or one or more protein variants encoded by a molecular marker of the invention in a sample or population of samples as compared with the amount or level of protein expression, including one or more protein variants of a molecular marker of the invention. Differential expression can be determined as described herein and as would be understood by a person skilled in the art. The term "differentially expressed" or "changes in the level of expression" refers to an increase or decrease in the measurable expression level of a given product of a molecular marker as measured by the amount of RNA and/or the amount of protein in a sample as compared with the measurable expression level of a given product of the molecular marker in a second sample. The first sample and second sample need not be from different patients, but can be samples from the same patient taken at different time points. The term "differentially expressed" or "changes in the level of expression" can also refer to an increase or decrease in the measurable expression level of

a given molecular marker in a population of samples as compared with the measurable expression level of the molecular marker in a second population of samples. As used herein, "differentially expressed" when referring to a single sample can be measured using the ratio of the level of expression of a given molecular marker in said sample as compared with the mean expression level of the given molecular marker of a control population wherein the ratio is not equal to 1.0. Differentially expressed can also be used to include comparing a first population of samples as compared with a second population of samples or a single sample to a population of samples using either a ratio of the level of expression or using p-value. When using p-value, a nucleic acid transcript including hnRNA and mRNA is identified as being differentially expressed as between a first and second population when the p-value is less than 0.1, less than 0.05, less than 0.01, less than 0.005, less than 0.001 etc. When determining differential expression on the basis of the ratio of the level of molecular marker product - expression of an RNA or protein product of the molecular marker is differentially expressed if the ratio of the level of the RNA or protein product in a first sample as compared with that in a second sample is greater than or less than 1.0. For instance, a ratio of greater than 1, for example 1.2, 1.5, 1.7, 2, 3, 4, 10, 20, or a ratio of less than 1, for example 0.8, 0.6, 0.4, 0.2, 0.1. 0.05, of RNA or protein product of a molecular marker would be indicative of differential expression. In another embodiment of the invention, a molecular marker is differentially expressed if the mean level of expression of a nucleic acid transcript including the hnRNA and/or mRNA transcript in a first population as compared with its mean level of expression of the transcript in a second population is greater than or less than 1.0. For instance, a ratio of greater than 1, for example 1.2, 1.5, 1.7, 2, 3, 4, 10, 20, or a ratio less than 1, for example 0.8, 0.6, 0.4, 0.2, 0.1. 0.05 would be indicative of differential expression. In another embodiment of the invention a molecular marker is differentially expressed if the ratio of the level of the hnRNA and/or mRNA transcript in a first sample as compared with the mean level of the transcript of the second population is greater than or less than 1.0 and includes for example, a ratio of greater than 1, for instance 1.2, 1.5, 1.7, 2, 3, 4, 10, 20, or a ratio less than 1, for example 0.8, 0.6, 0.4, 0.2, 0.1. 0.05. "Differentially increased expression" refers to 1.1 fold, 1.2 fold, 1.4 fold, 1.6 fold, 1.8 fold, or more, relative to a standard, such as the mean of the expression level of the second population. "Differentially decreased expression" refers to less than 1.0 fold, 0.8 fold, 0.6 fold, 0.4 fold, 0.2 fold, 0.1 fold or less, relative to a standard, such as the mean of the expression level of the second population.

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As used herein, the term "molecular marker" (or sometimes referred to as a "biomarker") refers to a gene or a genetic element. In some embodiments, the molecular marker of interest is identified by the Gene ID (formerly Locus Link ID) as is published by the National Center for Biotechnology Information (NCBI) Database as would be understood by a person skilled in the art.

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As used herein, the term "oligonucleotide" is defined as a molecule comprised of two or more deoxyribonucleotides and/ or ribonucleotides, and preferably more than three. Its exact size will depend upon many factors which, in turn, depend upon the ultimate function and use of the oligonucleotide. The oligonucleotides may be from about 8 to about 1,000 nucleotides long. Although oliognucleotides of 8 to 100 nucleotides are useful in the invention, preferred oligonucleotides range from about 8 to about 15 bases in length, from about 8 to about 20 bases in length, from about 8 to about 25 bases in length or from about 8 to about 30 bases in length, from about 8 to about 40 bases in length or from about 8 to about 50 bases in length.

The term, "primer", as used herein refers to an oligonucleotide, whether occurring naturally as in a purified restriction digest or produced synthetically, which is capable of acting as a point of initiation of synthesis when placed under conditions in which synthesis of a primer extension product, which is complementary to a nucleic acid strand, is induced, i.e., in the presence of nucleotides and an inducing agent such as a DNA polymerase and at a suitable temperature and pH. The primer may be either single-stranded or doublestranded and must be sufficiently long to prime the synthesis of the desired extension product in the presence of the inducing agent. The exact length of the primer will depend upon many factors, including temperature, source of primer and the method used. For example, for diagnostic applications, depending on the complexity of the target sequence, the oligonucleotide primer typically contains 15-25 or more nucleotides, although it may contain fewer nucleotides. The factors involved in determining the appropriate length of primer are readily known to one of ordinary skill in the art. In general, the design and selection of primers embodied by the instant invention is according to methods that are standard and well known in the art, see Dieffenbach, C.W., Lowe, T.M.J., Dveksler, G.S. (1995) General Concepts for PCR Primer Design. In: PCR Primer, A Laboratory Manual (Eds. Dieffenbach, C.W, and Dveksler, G.S.) Cold Spring Harbor Laboratory Press, New York, 133-155; Innis, M.A., and Gelfand, D.H. (1990) Optimization of PCRs. In: PCR protocols, A Guide to Methods and Applications (Eds. Innis, M.A., Gelfand, D.H., Sninsky, J.J., and White, T.J.) Academic Press, San Diego, 3-12; Sharrocks, A.D. (1994)

The design of primers for PCR. In: PCR Technology, Current Innovations (Eds. Griffin, H.G., and Griffin, A.M, Ed.) CRC Press, London, 5-11.

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As used herein, the term "probe" means oligonucleotides and analogs thereof and refers to a range of chemical species that recognise polynucleotide target sequences through hydrogen bonding interactions with the nucleotide bases of the target sequences. The probe or the target sequences may be single- or double-stranded RNA or single- or double-stranded DNA or a combination of DNA and RNA bases. A probe is at least 8 nucleotides in length and less than the length of a complete gene. A probe may be 10, 20, 30, 50, 75, 100, 150, 200, 250, 400, 500 and up to 2000 nucleotides in length. Probes can include oligonucleotides modified so as to have a tag which is detectable by fluorescence, chemiluminescence and the like. The probe can also be modified so as to have both a detectable tag and a quencher molecule, for example Taqman® and Molecular Beacon® probes.

As used herein, the term "product of the molecular marker" or "molecular marker product" refers to the RNA or protein found in blood which corresponds to the molecular marker (ie is transcribed from the gene or genetic element or is translated from RNA which is transcribed from the gene or genetic element). For example, in some embodiments RNA resulting from the molecular marker can include one or more of the following species; hnRNA, mRNA, and/or one or more spliced variants of mRNA. In some embodiments, proteins resulting from the molecular marker can include any proteins found in blood which correspond to the RNA resulting from the molecular marker.

As used herein, the term "selectively amplified" or "selective amplification", refers to a process whereby one or more copies of a particular target nucleic acid sequence is selectively generated from a template nucleic acid. Selective amplification or selectively amplified is to be compared with amplification in general which can be used as a method in combination with, for example, random primers and an oligodT primer to amplify a population of nucleic acid sequences (e.g. mRNA). Selective amplification is preferably done by the method of polymerase chain reaction (Mullis and Faloona, 1987, Methods Enzymol. 155:335).

As used herein, the term "selectively binds" in the context of proteins encompassed by the invention refers to the specific interaction of any two of a peptide, a protein, a polypeptide, and an antibody, wherein the interaction preferentially occurs as between any two of a peptide, protein, polypeptide and antibody preferentially as compared with any other peptide, protein, polypeptide and antibody. For example, when the two molecules

are protein molecules, a structure on the first molecule recognises and binds to a structure on the second molecule, rather than to other proteins. "Selective binding", "Selective binding", as the term is used herein, means that a molecule binds its specific binding partner with at least 2-fold greater affinity, and preferably at least 10-fold, 20-fold, 50-fold, 100-fold or higher affinity than it binds a non-specific molecule.

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As used herein "selective hybridization" in the context of this invention refers to a hybridization which occurs as between a polynucleotide encompassed by the invention and an RNA, and its complement thereof (ie a cDNA copy), of the molecular marker of the invention, wherein the hybridization is such that the polynucleotide preferentially binds to the RNA products of the molecular marker of the invention relative to the RNA products of other molecular markers or other genes in the genome in question. In a preferred embodiment a polynucleotide which "selectively hybridizes" is one which hybridizes with a selectivity of greater than 70%, greater than 80%, greater than 90% and most preferably of 100% (i.e. cross hybridization with other RNA species preferably occurs at less than 30%, less than 20%, less than 10%). As would be understood to a person skilled in the art, a polynucleotide which "selectively hybridizes" to the RNA product of a biomarker of the invention can be determined taking into account the length and composition.

As used herein, "specifically hybridizes", "specific hybridization" refers to hybridization which occurs when two nucleic acid sequences are substantially 20 complementary (at least about 65% complementary over a stretch of at least 14 to 25 nucleotides, preferably at least about 75% complementary, more preferably at least about 90% complementary). See Kanehisa, M., 1984, Nucleic acids Res., 12:203, incorporated herein by reference. As a result, it is expected that a certain degree of mismatch is tolerated. Such mismatch may be small, such as a mono-, di- or tri-nucleotide. 25 Alternatively, a region of mismatch can encompass loops, which are defined as regions in which there exists a mismatch in an uninterrupted series of four or more nucleotides. Numerous factors influence the efficiency and selectivity of hybridization of two nucleic acids, for example, the hybridization of a nucleic acid member on an array to a target nucleic acid sequence. These factors include nucleic acid member length, nucleotide 30 sequence and/or composition, hybridization temperature, buffer composition and potential for steric hindrance in the region to which the nucleic acid member is required to hybridize. A positive correlation exists between the nucleic acid length and both the efficiency and accuracy with which a nucleic acid will anneal to a target sequence. In particular, longer sequences have a higher melting temperature (TM) than do shorter ones, and are less likely to be repeated within a given target sequence, thereby minimizing non-specific hybridization. Hybridization temperature varies inversely with nucleic acid member annealing efficiency. Similarly the concentration of organic solvents, e.g., formamide, in a hybridization mixture varies inversely with annealing efficiency, while increases in salt concentration in the hybridization mixture facilitate annealing. Under stringent annealing conditions, longer nucleic acids, hybridize more efficiently than do shorter ones, which are sufficient under more permissive conditions.

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As used herein, the term "specifically binds" refers to the interaction of two molecules, e.g., a ligand and a protein or peptide, or an antibody and a protein or peptide wherein the interaction is dependent upon the presence of particular structures on the respective molecules. For example, when the two molecules are protein molecules, a structure on the first molecule recognises and binds to a structure on the second molecule, rather than to proteins in general. "Specific binding", as the term is used herein, means that a molecule binds its specific binding partner with at least 2-fold greater affinity, and preferably at least 10-fold, 20-fold, 50-fold, 100-fold or higher affinity than it binds a non-specific molecule.

As herein used, the term "standard stringent conditions" and "stringent conditions" means hybridization will occur only if there is at least 95% and preferably, at least 97% identity between the sequences, wherein the region of identity comprises at least 10 nucleotides. In one embodiment, the sequences hybridize under stringent conditions following incubation of the sequences overnight at 42  $\square$ C, followed by stringent washes (0.2X SSC at 65  $\square$  C). The degree of stringency of washing can be varied by changing the temperature, pH, ionic strength, divalent cation concentration, volume and duration of the washing. For example, the stringency of hybridization may be varied by conducting the hybridization at varying temperatures below the melting temperatures of the probes. The melting temperature of the probe may be calculated using the following formulas:

For oligonucleotide probes, between 14 and 70 nucleotides in length, the melting temperature (Tm) in degrees Celcius may be calculated using the formula: Tm=81.5+16.6(log [Na+]) + 0.41(fraction G+C)-(600/N) where N is the length of the oligonucleotide.

For example, the hybridization temperature may be decreased in increments of 5°C from 68°C to 42°C in a hybridization buffer having a Na+ concentration of approximately 1M. Following hybridization, the filter may be washed with 2X SSC, 0.5% SDS at the

temperature of hybridization. These conditions are considered to be "moderate stringency" conditions above 50°C and "low stringency" conditions below 50°C. A specific example of "moderate stringency" hybridization conditions is when the above hybridization is conducted at 55°C. A specific example of "low stringency" hybridization conditions is when the above hybridization is conducted at 45°C.

If the hybridization is carried out in a solution containing formamide, the melting temperature of the annealing nucleic acid strands may be calculated using the equation Tm=81.5+16.6(log [Na +]) + 0.41(fraction G + C)-(0.63% formamide)-(600/N), where N is the length of the probe.

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If the hybridization is carried out in a solution containing formamide, the melting temperature of the annealing nucleic acid strands may be calculated using the equation  $Tm=81.5+16.6(log [Na^+]) + 0.41(fraction G + C)-(0.63\% formamide)-(600/N)$ , where N is the length of the probe.

For example, the hybridization may be carried out in buffers, such as 6X SSC, containing formamide at a temperature of 42°C. In this case, the concentration of formamide in the hybridization buffer may be reduced in 5% increments from 50% to 0% to identify clones having decreasing levels of homology to the probe. Following hybridization, the filter may be washed with 6X SSC, 0.5% SDS at 50  $\Box$ C. Hybridization conditions are considered to be "moderate stringency" conditions when hybridization fluids are comprised of above 25% formamide and "low stringency" conditions when hybridization fluids are comprised of below 25% formamide. A specific example of "moderate stringency" hybridization conditions is when the above hybridization is conducted at 30% formamide. A specific example of "low stringency" hybridization conditions is when the above hybridization is conducted at 10% formamide.

As used herein, the term "responder" is used to mean an individual who responds to treatment. The use of the term "responds to treatment" depends upon the context of the treatment and the disease or condition, but in some embodiments indicate a sufficiently effective and safe response by an individual to the administration of treatment.

As used herein, the term "non-responder" is used to mean an individual who does not respond positively to treatment. The use of the phrase "does not respond to treatment" also depends upon the context of the treatment and the disease or condition, but in some embodiments indicates an ineffective or unsafe response by an individual to the administration of treatment.

As used herein, the term "trait" is a mode or state of being including a physical, emotional, psychological or pathological state. A trait can include both "genetic" and/or "environmentally" influenced factors. The term "genetic factors" means genetically inherited elements which affect one or more traits as a result of the genetic makeup of the individual. The term "environmental factors" includes exposure to internal or external influences including but not limited to medical treatments, non-medical drugs, pollution, environmental toxins, lead poisoning, mercury poisoning, exposure to genetically modified organisms, radioactivity, pesticides, insecticides, cigarette smoke, alcohol, or exercise and can affect abundance of RNA or affect gene expression as a result of epigenetic mutations and/or non genetic mutations. A physiological or pathological trait can include the status with regards to a condition including having a condition including a disease, having risk factors of a disease having a certain stage of disease or having a certain response to treatment or a risk of a certain response to treatment. In some cases a displayed trait can actually be the result of one or more underlying traits. A trait also includes clinically measurable parameters including those clinically measurable parameters which are indicators of state of health or disease. For example, a clinically measurable parameter includes blood pressure, lung capacity, electrolyte level, enzyme levels (e.g. Serum Glutamic Oxaloacetic Transaminase, alkaline phosphatase, Gamma-Glutamyltransferase or Gamma-Glutamyl Transpeptidase, Lactic dehydrogenase) hormone levels (e.g. thyroid stimulating hormone); protein levels (e.g. Prostate specific antigen PSA) and the like. Clinically measurable parameters can include disease specific clinical indicators, for example prostate specific antigen as an indicator of prostate cancer; insulin levels as an indicator of diabetes; thyroid stimulating hormone levels as an indicator of thyroid disorder and the like.

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As used herein, the term "trait subgroup" is used to define a group of subjects where each subject has at least one trait or group of traits in common, for example, each subject has a disease, a specific stage of disease, same response to treatment, taking the same drug, etc.

As used herein, the terms "treatment", "treat", and "treating" includes administration of one or more compounds, combination of one or more compounds, application of a non-compound based therapeutic regimen, or any combination thereof where administration includes application of a single treatment, a regiment or course of treatment etc. to reduce or amelioration of the progression, severity and/or duration of a

disease or condition and/or the reduction or amelioration of the symptoms of a disease or condition resulting from the use of a treatment and/or treatment regime.

## 5.1 INVENTIVE SYSTEMS AND ALGORITHMS

Fig. 1 shows an exemplary system according to an embodiment of the invention that supports the functionality described herein. The system is preferably a computer system 10 having:

• one or more central processors 22;

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- a main non-volatile storage unit 14, for example a hard disk drive, for storing software and data, the storage unit 14 controlled by storage controller 12;
- a system memory 36, preferably high speed random-access memory (RAM), for storing system control programs, data, and application programs, comprising programs and data loaded from non-volatile storage unit 14; system memory 36 may also include read-only memory (ROM);
- an optional user interface 32, comprising one or more input devices (e.g., keyboard 28) and a display 26 or other output device;
- an optional network interface card 20 for connecting to any wired or wireless communication network 34 (e.g., a wide area network such as the Internet);
- an internal bus 30 for interconnecting the aforementioned elements of the system; and
- a power source 24 to power the aforementioned elements.

Operation of computer 10 is controlled primarily by operating system 40, which is executed by central processing unit 22. Operating system 40 can be stored in system memory 36. In addition to operating system 40, in a typical implementation, system memory 36 includes various components described below. Those of skill in the art will appreciate that such components can be wholly resident in RAM 36 or non-volatile storage unit 14. Furthermore, at any given time, such components can partially reside both in RAM 36 and non-volatile storage unit 14. Further still, some of the components shown in Fig. 1 as being resident in RAM 36 can be resident in another computer (a remote computer) that is addressable by computer 10 over wide area network 34. It will be appreciated that such a remote computer may physically be resident in the same room as computer 10 or in another physical location. As illustrated in Fig. 1, in one exemplary

embodiment of the invention, RAM 36 comprises <u>programs and data to interact with</u> components in the computer system 10 for configuring:

- file system 42 for controlling access to the various files and data structures used by embodiments of the present invention;
- a training population 44 for use in construction of one or more classifiers;
- a molecular marker data processing module I- 54 for processing molecular marker data representative of a genome or a portion thereof for members of training population 44;
- a molecular marker screening module A (56A) for identifying molecular markers whose molecular marker data individually discriminates between two or more trait subgroups of the training population using molecular marker data of module 54;
- a molecular marker screening module B (56B) for identifying molecular markers whose molecular marker data do not individually discriminate, but demonstrate ability to differentiate between two or more trait subgroups of the training population when used in combination using molecular marker data of module 54;
- a candidate molecular marker data structure 58 for storing information about candidate molecular markers identified by molecular marker candidate screening module 56A and optionally molecular marker candidate screening module 56B;
- a second molecular marker data processing module II 61 for processing additional molecular marker data for a selection of the candidate molecular markers identified in screening module 56A and, optionally, screening module 56B for members of a training population;
- an outlier selection module 57 for evaluating molecular marker data identified in either module 56A and/or 56B or module 61 so as to remove one or more individuals from the training population as outliers;
- a combination module 61-5 which selects combinations of molecular markers from candidate molecular markers identified in module 56A and optionally module 56B
- a molecular marker classifier construction module 62 for constructing candidate classifiers from combinations of molecular markers identified by molecular marker combination module 61-5;

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- a molecular marker classifier evaluation module 64 for evaluating and selecting candidate classifiers constructed by molecular marker construction module 62;
- a classifier polling and reporting module 66 for receiving patient or subject
  molecular marker data and polling one or more classifiers selected by
  evaluation module 64 in order to determine whether a patient or subject has
  the disease or trait associated with each of the respective classifiers;

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- a patient database 68 for storage of molecular marker data for diagnostic,
   prognostic or predictive use; and
- a classifier database 70 for storage of one or more classifiers selected by molecular marker classifier evaluation module 64.

As illustrated in Fig. 1, computer 10 comprises software program modules and data structures. The data structures either stored in computer 10 or accessible to computer 10 include a training population 44, candidate molecular marker data structures 58, patient database 68, and classifier database 70. Each of these data structures can comprise any form of data storage system including, but not limited to, a flat ASCII or binary file, an Excel spreadsheet, a relational database (e.g. SQL), or an on-line analytical processing (OLAP) database (MDX and/or variants thereof). In some specific embodiments, such data structures are each in the form of one or more databases that include hierarchical structure (e.g., a star schema). In some embodiments, such data structures are each in the form of databases that do not have explicit hierarchy (e.g., dimension tables that are not hierarchically arranged).

In some embodiments, each of the data structures stored or accessible to system 10 are single data structures. In other embodiments, such data structures in fact comprise a plurality of data structures (e.g., databases, files, archives) that may or may not all be hosted by the same computer 10. For example, in some embodiments, training population 44 comprises a plurality of Excel spreadsheets that are stored either on computer 10 and/or on computers that are addressable by computer 10 across wide area network 34. In another example, patient database 68 comprises a database that is either stored on computer 10 or is distributed across one or more computers that are addressable by computer 10 across wide area network 34. Section 5.9 describes exemplary architectures for training population 44, candidate molecular marker data structure 58, patient database 68, and/or classifier database 70.

It will be appreciated that many of the modules and data structures illustrated in Fig. 1 can be located on one or more remote computers. For example, some embodiments of the present application are web service-type implementations. In such embodiments, classifier polling and reporting module 66 and other modules can be used by a physician to treat a patient and can reside on a client computer that is in communication with computer 10 via network 34. In some embodiments, for example, classifier polling and reporting module 66 can be an interactive web page.

In some embodiments, training population 44, candidate molecular marker data structure 58, patient database 68 and/or classifier database 70 and modules (e.g. modules 54, 56A, 56B, 57, 61, 61-5, 62, 64, and 66) illustrated in Fig. 1 are on a single computer (computer 10) and in other embodiments one or more of such data structures and module are hosted by one or more remote computers (not shown). Any arrangement of the data structures and software modules illustrated in Fig. 1 on one or more computers is within the scope of the present invention so long as these data structures and software modules are addressable with respect to each other across network 34 or by other electronic means. Thus, the present invention fully encompasses a broad array of computer systems.

Now that an overview of a system in accordance with one embodiment of the present invention has been described, various advantageous methods in accordance with embodiments of the present invention will now be disclosed in conjunction with Figs. 2 through 5. Figure 2 is a flowchart showing a method of selecting molecular markers and developing one or more classifiers or groups of classifiers according to an embodiment of the invention.

Step 202.

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Referring to Fig. 2A, in step 202, molecular marker data reflective of the abundance of each of a plurality of RNA and/or proteins found in the blood for members of training population 44 is obtained using one or more of the techniques as described in Section 5.3 and/or 5.4. In some embodiments, the data is reflective of the abundance of RNA products of the molecular marker. In some embodiments, the RNA products are those expressed in blood. In other embodiments, the RNA products are those which are found in blood, but may not necessarily be expressed in blood (e.g. in instances where sufficient mRNA is transported into the blood to be detected. In some embodiments, the data is reflective of the abundance of protein products of the molecular markers. In some embodiments, the data is reflective of the level of proteins expressed in blood. In other embodiments, the data is reflective of proteins found in blood in sufficient quantity to be

detected. Measuring of molecular marker data (ie data reflective of the level of the product of the molecular marker) can be done using those techniques known to persons skilled in the art. Note that in some embodiments, data may be obtained using public sources or other sources of data rather than performing one or more of the techniques described. For example, it is anticipated that databases of microarray data collected from blood may be available in future.

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In some embodiments, the molecular marker data for each molecular marker is obtained using the same technique to allow greater comparability. In some instances a priori information is known about all or a portion of such genes and in some embodiments a priori information about such genes is either not known or not considered in step 202. In some embodiments the molecular markers resulting from step are those molecular markers identified in Tables 1A through to 7I.

Measurement of molecular marker data of a plurality of the molecular markers in the blood of each member of training population 44 can be done using any known technique and preferably is done using large scale techniques which allow for the ability to obtain data for a large number of molecular markers and/or for a large number of individuals quickly and efficiently and at a relatively low cost. For example, microarray techniques and RT-PCR and/or Quantitative RT-PCR can be useful large scale techniques. For example, a high throughput or large scale technique is a technique which allows one to obtain data for large numbers of genes concurrently e.g.1,000 genes, 5,000 genes, 10,000 genes, 15,000 genes 30,000 genes; or all of the genes of the genome of interest. It is expected that additional techniques are being developed and are also useful in embodiments of the invention to screen large numbers of genes quickly and efficiently.

Training population 44 includes a population of individuals made up of one or more trait subgroups with each individual in such trait subgroups having one or more traits.

In some embodiments, each trait subgroup represented in training population 44 includes molecular marker data from at least 3-4 different subjects. More preferably, each trait subgroup represented in training population 44 includes molecular marker data for at least ten different subjects. Still more preferably each trait subgroup represented in the training population 44 includes molecular marker data for at least 30, 40, 50, 100, 200, 500, 1000 or more subjects.

Each training population is selected to include two or more trait subgroups, each subgroup comprising trait subgroup members. Each of these two or more trait subgroups

differs with respect to a trait of interest and/or an aspect of a trait of interest. In one embodiment, the members of each of the trait subgroups have been diagnosed as having or not having the trait of interest by one or more known techniques. In another embodiment, the members of each trait subgroup are diagnosed for having or not having the trait of interest using a well accepted methodology for diagnosing of said trait.

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For example, each member of a first trait subgroup of the training population has liver cancer, whereas each member of a second trait subgroup of the training population does not have liver cancer. In another embodiment, each member of a first trait subgroup of the training population has Alzheimer's, whereas each member of a second trait subgroup of the training population has manic depressive disorder, and each member of a third trait subgroup of the training population has schizophrenia, and each member of a fourth trait subgroup does not have any of the above conditions. In another example, the trait of interest is a disease such as prostate cancer, and the aspect of interest is the degree of advancement of the prostate cancer. Thus, each member of the first trait subgroup can be those subjects that have early stage prostate cancer, each member of a second trait subgroup can be those subjects that have later stage prostate cancer and each member of a third trait subgroup can be those subjects that do not have prostate cancer. In another example, the trait of interest is responsiveness of individuals having musculoskeletal disorders to a Cox 2 inhibitor. A first trait subgroup is comprised of individuals who are responsive to a treatment, a second trait subgroup is comprised of individuals who are responsive to treatment but demonstrate a toxic side-effect, and a third trait subgroup is comprised of individuals who are nonresponsive to treatment. In another embodiment, one trait subgroup can include those subjects that have not yet undergone treatment but who are later identified as being responders to treatment and a second trait subgroup can include those subjects that have not yet undergone treatment but who are later identified as non responders (e.g. demonstrates a toxic side-effect, demonstrates no improvement in condition, demonstrates a worsening of condition, etc.).

In some embodiments, members of each trait subgroup of the training population 44 are preferably selected such that each trait subgroup of the training population 44 has a similar distribution with respect to at least one, two, three, four, five, six, one or more, two or more, three or more, four or more, five or more, six or more, between one and 1000 other traits. For example, age, sex, body mass index (BMI), genetic variation information (e.g., gene SNP mutations, restriction fragment length polymorphisms, microsatellite markers, restriction fragment length polymorphisms, and presence, absence or

characterization of short tandem repeats.), treatment regimens; co-morbidities; concentrations of metabolites, blood chemistry levels, and/or other indicators of health and/or wellness.

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A treatment can include, but is not limited to, disease modifying treatments as well as treatments useful in mitigating the symptoms of disease and includes administration of one or more compounds, combinations of one or more compounds, application of a noncompound based therapeutic regimen, or any combination thereof where administration includes application of a single treatment, a regimen or course of treatment and the like. For example, treatments can include drugs specific for a disease such as drugs specific for Alzheimer's, cardiovascular disease, manic depression syndrome, schizophrenia, diabetes cancers including liver cancer, testicular cancer, bladder cancer, prostate cancer, kidney cancer, breast cancer, colon cancer, osteoarthritis, rheumatoid arthritis, osteoporosis, ankylosing spondylitis, or any other disease including those listed herein. . For example, treatments can include but are not limited to administration of VIOXX®, Celebrex®, nonsteroidal anti-inflammatory drugs (NSAIDS), cortisone, visco supplement, Lipitor®, Adriamycin®, Cytoxan®, Herceptin®, Nolvadex®, Avastin®, Erbitux®, Fluorouracil®, Largactil®, Sparine®, Vesprin®, Stelazine®, Fentazine®, Prolixin®, Compazine®, Tindal®, Modecate®, Moditen®, Mellarin, Serentil, Norvane, ®, Fluanxol®, Clopixol®, Taractan®, Depixol®, Clopixol®, Haldol®, Haldol®, Decanoate, Orap®, Inapsine®, Imap®, Semap®, Loxitane®, Daxol®, lithium, anticonvulsants (e.g., carbamazepine), antidepressants, and/or Moban®. More generally, a treatment can include any treatment or drug described in the Compendium of Pharmaceuticals and Specialties, Canadian Pharmaceutical Association; 26th edition, June, 1991; Krogh, Compendium of Pharmaceuticals and Specialties, Canadian Pharmaceutical Association; 27th edition, April, 1992. In another embodiment, a treatment can include administration of any compound described in the United States Food and Drug Administration list of approved drug products (the "Orange Book") that is found at http://www.mco.edu/research/fda.html.

In some embodiments, molecular marker data is not obtainable from each member of a training population or each member of a trait subgroup (for example, using microarray technology there may be an insufficient signal for one or more molecular markers for any particular member of the training population). Nevertheless, as would be understood by a person skilled in the art, candidate molecular markers can still be selected on the basis of the molecular marker data so long as data is obtainable for a sufficient number of molecular markers from a sufficient number of members of the training population. For

example, for each molecular marker, it is sufficient if data is available for at least 75%, 80%, 85%, 90% or 95% of the each trait subgroup of the training population.

Section 5.2 provides details on the types of blood samples from subjects in the training population that can be used to obtain data for molecular markers. Section 5.2 further provides details on how such blood samples can be obtained. Section 5.2 also provides details on the types of subjects that can be used to form training population 44 and the types of subpopulations that can be used in the training population.

Fig. 1 illustrates the data structure of a training population 44 in accordance with one embodiment of the present invention. There is a record 46 for each subject in training population 44. Each record 46 includes an optional subject identifier 48 for uniquely identifying the subject. Each record 46 includes a molecular marker data file 50 for storage of the molecular marker data measured in step 202. Fig. 4 provides more details on a molecular profile 50 resulting from Molecular Marker data processing module I in accordance with one embodiment of the present invention. The molecular profile 50 of Fig. 4 includes an identifier 302 for each molecular marker 302 tracked by profile 50. Then, for each respective molecular marker 302 in profile 50, there exists one or more measurements of molecular marker data 304. In some embodiments, more than one data point is measured for molecular markers 302. If more than one data point is measured for a molecular marker, then a statistical measure of central tendency (e.g. mean, median, average etc.) can be computed. Accordingly, such measurements for molecular marker data 304 can be stored in data structure 50.

There exists a trait characterization field 52 for each subject in training population 44. Preferably as many as possible traits of each member of training population 44 are documented in a trait characterization record (52). Documented traits include known condition or clinically measurable parameters; genetic likelihood of disease or condition; medications both past and current; environmental exposures, ethnicity, age, sex and the like. In some embodiments, training population 44 includes only two trait subgroups and trait characterization 52 is a binary choice between two values, where one value indicates that the corresponding subject belongs in a first trait subgroup and a second value indicates that the subject belongs in a second trait subgroup. In some embodiments, training population 44 is divided into a plurality of lists, where each list in the plurality of lists represents a different trait subgroup. In such embodiments, there is no need for a phenotypic characterization field 52.

Although not illustrated in Fig. 1, in some embodiments, there exists a scoring population in addition to the training population. The scoring population is used to evaluate each of the classifiers derived from the training population. The scoring population is made up of one or more individuals that have at least two trait subgroups in common with the training population. In some embodiments, multiple scoring populations are generated from the training population using one or more resampling or cross validation procedures including: bootstrapping; leave one out; leave n out; percent split and the like so as to evaluate the classifiers derived from the training population. In preferred embodiments, the members of the scoring population are not the members used in the training population.

In some embodiments, some aspects of step 202 are performed by first data molecular processing module I 54. As such, first data molecular processing module 54 can be a known software program, such as commercially available and/or academically available data processing programs.

Step 204.

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In step 204, using the data measured in step 202, individual candidate molecular markers are identified, where the molecular marker data allows the differentiation as between two of the trait subgroups of the training population. In some embodiments, step 204 represents a series of pairwise comparisons, where each pairwise comparison is between molecular marker data for subjects from two different trait subgroups. In other words, data associated with molecular markers from a population of samples having one aspect of a trait of interest (a first trait subgroup) are compared with a population of samples having a second aspect of a trait of interest (a second trait subgroup) so as to identify molecular markers that are able to differentiate between the two trait subgroups (ie the molecular marker data enables the ability to differentiate between the two trait subgroups.

In instances where more than two trait subgroups are represented by a training population 44, more than two pairwise comparisons can be performed on the molecular marker data to identify lists of candidate molecular markers for each of the possible pairwise comparison.

A number of statistical techniques can be used to perform the pairwise comparisons of step 204. In some embodiments, standard statistical techniques such as a t-test are used. Methods based on conventional t-tests provide the probability (P) that a difference in measured values for the data of a molecular marker between two different trait subgroups

occurs by chance. See, for example, Baldi et al., 2001, Bioinformatics 17, pp. 509-519, 2001, which is hereby incorporated herein by reference in its entirety. The t-test compares the actual difference between two means in relation to the variation in the data (expressed as the standard deviation of the difference between the means). For instance, to determine whether a particular molecular marker discriminates between a first trait subgroup and a second trait subgroup, the mean of the data for the molecular marker in the first trait subgroup is compared to the mean of the data for the molecular marker in the second subgroup in accordance with the t-test. In some embodiments, the molecular marker data is such that it is deemed to discriminate between two trait subgroups when the t-test yields a score that matches or exceeds the p = 0.05 level (95% confidence, "significant confidence"), the p = 0.01 level (99% confidence, "highly significant confidence") or p =0.001 (99.9% confidence, "very highly significant confidence"). In some embodiments, the t-test is applied with a Bonferroni correction or similar form of correction. In some embodiments, rather than using a t-test, nonparametric equivalents such as the Wald-Wolfowitz runs test, the Mann-Whitney U test, the Kolmogorov-Smirnov two-sample test or ROC are used.

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In some embodiments, training population molecular marker data is obtained using a microarray and the Significant Analysis of Microarrays technique of Tusher *et al.* is used to identify molecular markers whose data discriminates between trait subgroups. See, for example, Tusher *et al.*, 2001, Proc. Natl. Acad. Sci. USA 98, 5116-5121. In some embodiments, Manduchis' algorithms for assigning confidence to differentially expressed genes is used to identify molecular markers whose data discriminates trait subgroups. See, for example, Manduchi *et al.*, 2000, Bioinformatics 16, 685-598.

In some embodiments, there are a number of different trait subgroups represented within the training population. Thus, in such embodiments, application of a series of pairwise t-test can become computationally intensive and prone to underinclusiveness in the identification of discriminating molecular markers resulting for each binary comparison since the number of pairwise comparisons that must be performed grows quickly as a function of the number of trait subgroups present in training population 44. For example, if there are seven trait subgroups present in training population 44, a total of 21 pairwise (t-test class) test can be performed. In such embodiments, analysis of variance (ANOVA) can be used to simultaneously consider whether the data for a molecular marker produces statistically different means for each of the phenotypic data structures. ANOVA considers the data for a given molecular marker from each of the trait subgroups present in

training population 44 and produces a single number (the F-statistic) that can be evaluated for significance at any desired confidence value (e.g., the p = 0.05 level, the p = 0.01 level, the p = 0.01 level, etc). ANOVA is described, for example, in Draghici, Data Analysis Tools For DNA Microarrays, 2003, Chapman & Hall, CRC Press, New York, pp. 155-187, which is hereby incorporated herein by reference in its entirety. In some embodiments, nonparametric equivalents to ANOVA, such as the Kruskal-Wallis analysis of ranks test, the Median test, Friedman's two-way analysis of variance, or the Cochran Q test, are used to identify molecular markers that have statistically different means as between two of the rait subgroups. In some embodiments, after running ANOVA, a means comparisons test such as Duncan's, Student-Newman-Keuls (SNK), Tukey-Kramer, Tukey's HSD, or Least Significant Difference (LSD) are run to determine which molecular markers have data that statistically different values in one or more of the trait subgroups tested (e.g. has statistically different values in one or more of the trait subgroups tested). In some embodiments, such tests are performed instead of ANOVA or pairwise t-tests to identify molecular markers that discriminate two or more trait subgroups.

In some embodiments, a parametric test and a nonparametric test are run in step 204. If there are only two trait subgroups being compared (e.g., non-disease versus disease) then a Welch t-test (parametric test) and a Mann-Whitney test are used without multiple test corrections at decreasing p-values (e.g., p<0.05, p<0.01, p<0.005, p<0.001, etc.) until the number of candidate molecular markers is less than 50, less than 100, less than 150, less than 200, less than 250 etc.. If three or more trait subgroups are being compared, the Kruskal-Wallis (nonparametric) and Welch ANOVA (parametric) tests are used. Following the same procedure for instances where only two trait subgroups are being compared, additional molecular marker sets are produced in conjunction with multiple test corrections. An example of a test correction is the Benjamin-Hochberg false discovery rate. In some embodiments the post-hoc statistical tests for groups of three or more provided in GeneSpring version 6.1+ is used. The post-hoc test provides a means for determining which molecular markers are different between particular trait subgroups. Such post-hoc tests include the Student Newman Keuls test and the Tukey test.

In some embodiments, data for a test molecular marker from all possible trait subgroups in training population 44 is not used. Rather, similar to the case where pairwise t-tests are used, ANOVA is used to determine whether the data for a molecular marker can discriminate between some or all of the trait subgroups. For example, consider the case in which training population 44 includes five trait subgroups. In one approach, a pairwise t-

test can be used to identify molecular markers that statistically discriminate (e.g. p = 0.05) between one of the possible pairs of trait subgroups in the training population. Similarly, ANOVA can be used to identify molecular markers that statistically discriminate between one of the possible triplets in the training population. Alternatively, ANOVA can be used to identify molecular markers that statistically discriminate between one of the possible quadruplets in the training population.

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In some embodiments, either in addition to using statistical methods, or independently of statistical methods such as described herein, processing step 204 to select candidate molecular markers is done by looks for differential data abundances (e.g., differential expression). Such methods differ from those described above in the sense that variance as between the level of expression as between members of the same trait subgroup are not necessarily considered. In order to compare differential expression as between two or more trait subgroups, a statistical measure of central tendency (e.g. mean, median, average etc.) can be computed for each molecular marker within any trait subgroup. In some embodiments, the measure of differential data abundance (or differential expression) for a molecular marker product as between a first trait subgroup and a second trait subgroup is determined by measuring the fold change, for example a fold change of greater than 1.5, 2.0, 2.5, 3.0, 4,0 or higher can be selected.. In another embodiment, the measure of differential data abundance need not be quantified, but molecular markers products which on visual inspection display a clear difference in expression (ie abundance levels) as between two trait subgroups can be selected. To illustrate, consider a population P' that comprises trait subgroups "A" and "B". That is, each member of P' is classified into either subgroup "A" or "B" based on whether or not they exhibit or have a particular trait. In this situation, products of molecular markers that are present in large quantities/abundance in one group ("A" or "B") but not the other group are identified. For instance, molecular markers that strongly express in subgroup "A" but not in subgroup "B" can be identified from the measurements taken for each member of each subgroup in step 202. Likewise, molecular markers that express strongly in subgroup "B" but not subgroup "A" can be identified. These patterns of differential abundance of the products of the molecular markers can be used to identify candidate molecular markers. For an illustration of this approach, see Glob et al. 1999, Science 286: 531.

In embodiments where molecular markers are identified in select pairwise tests, such as pairwise *t*-tests or ANOVA tests of subsets of the total number of trait subgroups in training population 44, there might be several different lists of molecular markers. For

example, molecular marker list A might include molecular markers whose measured data (including normalized data etc.) discriminates between a first and second trait subgroup as determined by a first pairwise *t*-test. Molecular marker list B might include molecular markers whose data discriminates between a first and third trait subgroup as determined by a second pairwise t-test. Molecular marker list C might include molecular markers whose data discriminates between a first, second and third trait subgroup as determined by ANOVA. In some embodiments, each candidate molecular marker list 60 is preserved as an independent list in candidate molecular marker data structure 58 (Fig. 1).

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In some embodiments, processing step 204 identifies a total of between 10 and 4000 candidate molecular markers for any particular training population. In other embodiments, step 204 identifies a total of between 500 and 2000 candidate molecular markers. In yet another embodiments, processing step 204 identified a total of between 100 and 1000 candidate molecular markers.

In some embodiments, some aspects of step 204 are performed by molecular marker candidate identification module 56A. Additionally, there exist known programs that can perform some of the functionality described in step 204. Such programs include those formerly sold by Silicon Genetics (e.g. GeneSpring<sup>TM</sup>); now Agilent Technologies.

In some embodiments, candidate molecular markers identified using the abovedescribed statistical or nonstatistical tests are clustered in order to visualize relationships between the genes. For example, in some embodiments GeneSpring $^{TM}$  is used to perform hierarchical clustering using the Spearman correlation statistic. In some embodiments, QT clustering is used to identify genes that have a similar pattern of expression across the specimens in training population 44. Clustering that can be employed in step 204 is described generally in Section 5.12. Further, Section 5.12 gives examples of some clustering techniques that can be used in step 204. Molecular markers for use in subsequent sections (e.g., for quantitative measurement using methods as described in step 206 below) can be ranked and selected by one or more criteria, including, but not limited to, fold change differences in molecular marker data between two or more trait subgroups, standard deviations of molecular marker data as between two or more trait subgroups using the above-described statistical tests, coefficient of variation, statistical significance (e.g., pvalue from ANOVA and/or t-test, or other tests described above), level of expression as determined using molecular marker data, gene function, reproducibility of molecular marker data (includes intra- and inter-experimental), elucidated pathways / networks of the molecular markers as would be understood by a person skilled in the art (e.g. selecting a

molecular marker on the basis of an understanding of how said gene is known to function in the body) and the like. Thus in some embodiments, molecular markers for use in subsequent sections are chosen on the basis of the p value identified as a result of step 204 as a measure of the likelihood that the molecular marker data can distinguish as between the two trait subgroups and more particularly molecular markers are chosen wherein the p value is less than 0.5; less than 0.1, less than 0.05, less than 0.01, less than 0.005, less than 0.001, less than 0.0005, less than 0.0001, less than 0.00005, less than 0.00001, less than 0.000005, less than 0.000001 etc. In some embodiments, molecular markers for subsequent steps are chosen on the basis of the level of differential expression displayed by the molecular marker products as between the two or more trait subgroups. Note that in measuring differential fold change in blood, the fold change differences can be quite small, thus in some embodiments, selection of molecular markers is based on a differential fold change where the fold change is greater than 1.2, greater than 1.3, greater than 1.4, greater than 1.5, greater than 1.6, greater than 1.7, greater than 1.8, greater than 1.9, greater than 2.0, greater than 2.1, greater than 2.2, greater than 2.3, greater than 2.4, greater than 2.5, greater than 2.6, greater than 2.7, greater than 2.8, greater than 2.9, greater than 3.0, greater than 3.1, greater than 3.2. greater than 3.3, greater than 3.4 greater than 3.5, greater than 4.0 and the like. In some embodiments, it is helpful to select molecular markers on a basis of the combination of both p value and fold change as would be understood by a person skilled in the art. Thus in some embodiments, molecular markers are first selected as outlined above on the basis of the p value resulting from the molecular marker data and then a subselection of said molecular markers is chosen on the basis of the differential fold change determined from the molecular marker data. In other embodiments, molecular markers are first selected on the basis of differential fold change, and then subselection is made on the basis of p value. In some embodiments, the use of one or more of the selection criteria and subsequent ranking permits the selection of the top 2.5%, 5%, 7.5%, 10%, 12.5%, 15%, 17.5%, 20%, 30%, 40%, 50% or more of the ranked molecular markers for use in subsequent steps. In other embodiments, the selection criteria noted above can be set on the basis of the desired number of selected molecular markers for use in steps 206 and or other steps leading to the selection of the available set of markers for step 214. As would be understood, a selection criteria based on the desired number of selected molecular markers will depend upon the resources available for obtaining the molecular marker data for step 206 and/or the computer resources available for calculating and evaluating classifiers of all or a portion of possible combinations of the selected molecular

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markers. In some embodiments, the desired number of selected molecular markers for use in step 214 can be 4,000; 3,000; 2,000; 1,000; 900; 800; 700; 600; 500; 400; 300; 200; 190; 180; 170; 160; 150; 140; 130; 120; 110; 100; 90; 80; 70; 60; 50; 40; 30; 20; 10. The more molecular markers which can be selected for use in step 214; the greater the likelihood of identifying classifier or classifiers which are particularly useful for diagnosis.

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In some embodiments, one or more subjects of the training population are identified as outliers and are removed prior to identifying individual candidate molecular markers as described herein. These outlier members can then be removed from the training population prior to proceeding to later steps. As described herein, in one embodiment a neural network is used to identify such outliers. A neural network has a layered structure that includes, at a minimum, a layer of input units (and the bias) connected by a layer of weights to a layer of output units. Such units are also referred to as neurons. For output along a single dimension, the layer of output units includes just one output unit. However, neural networks can handle multiple quantitative responses (outputs along multiple dimensions) in a seamless fashion by providing multiple units in the layer of output units.

In multilayer neural networks, there are input units (input layer), hidden units (hidden layer), and output units (output layer). There is, furthermore, a single bias unit that is connected to each unit other than the input units. Neural networks are described in Duda et al., 2001, Pattern Classification, Second Edition, John Wiley & Sons, Inc., New York; and Hastie et al., 2001, The Elements of Statistical Learning, Springer-Verlag, New York.

The basic approach to the use of neural networks to identify outliers is to start with an untrained network. A training pattern is then presented to the untrained network. This training pattern comprises a training population and, for each respective member of the training population, an association of the respective member with a specific trait subgroup. Thus, the training pattern specifies measured molecular marker data from blood for molecular markers for each member of a training population as well as an indication as to which trait subgroup each member of the training population belongs. In preferred embodiments, training of the neural network is best achieved when the training population includes members from more than one trait subgroup.

In the training process, individual weights in the neural network are seeded with arbitrary weights and then the molecular marker data for each member of the training population is applied to the input layer. Signals are passed through the neural network and

the output determined. The output is used to adjust individual weights. A neural network trained in this fashion classifies each individual of the training population with respect to one of the input trait subgroups. In typical instances, the initial neural network does not correctly classify each member of the training population. Those individuals in the training population that are misclassified identify and determine an error or criterion function for the initial neural network. This error or criterion function is some scalar function of the trained neural network weights and is minimized when the network outputs match the desired outputs. In other words, the error or criterion function is minimized when the network correctly classifies each member of the training population into the correct trait subgroup. Thus, as part of the training process, the neural network weights are adjusted to reduce this measure of error. For regression, this error can be sum-of-squared errors. For classification, this error can be either squared error or cross-entropy (deviation). See, e.g. Hastie et al., 2001, The Elements of Statistical Learning, Springer-Verlag, New York. Those individuals of the training population which are still incorrectly classified by the trained neural network, once training of the network has been completed, are identified as outliers and can be removed prior to proceeding.

In some embodiments, an ensemble of neural networks can be used on the training population and individuals ranked on the basis of the number of times an individual is misclassified by each neural network. In order to create the ensemble, each neural network can differ with respect to the initial seeded weighting. In another embodiment, each neural network can differ on the basis of randomly generated noise added to the molecular marker data for one or more molecular markers of each individual of the training population added to the input layer. In such an embodiment, this randomly generated noise can be applied by changing the amount of each of the measured molecular marker data of each member of the training population by a scaled random amount. When larger amounts of noise are required, the magnitude of the scaled random amount is increased. In any of these embodiments, the number of layers and the number of units in each layer can be adjusted in order to provide optimal results for any given set of conditions. In this manner, one can identify outliers which are misclassified in as many as 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90% or more of the neural networks used.

Step 205.

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Step 205 is optional. We have surprisingly found that certain molecular markers whose molecular marker data fails to discriminate individually as between two trait subgroups in step 204, are still more than incrementally useful when utilized in

combinations with other candidate molecular markers selected in step 204. In particular we have been able to identify molecular markers whose data fails to individually discriminate as between two trait subgroups in the pairwise comparison of step 204 but contribute to a classifier identified in step 216 from a combination which includes one or more candidate molecular markers identified in step 204 ("combination friendly molecular markers"). Thus, in order to ensure that molecular markers which may be useful in combinations are not removed prematurely, optional step 205 is performed.

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In step 205, all or a portion of the molecular markers for which data has been or can be obtained in at least two of the trait subgroups of the training population are utilized ("putative combination molecular markers"). For purposes of step 205, in one embodiment, the data is obtained using a technique which allows for fast and efficient data generation for all of the molecular markers of the genome of interest chosen. In another embodiment the data is obtained using one or more of the techniques as described in Section 5.3 and/or 5.4. In another embodiment, the data is obtained using microarray technology. In a preferred embodiment, the data used is the data obtained for step 202

In order to identify additional candidate molecular markers, combinations of molecular markers are chosen and a mathematical model applied to the molecular marker data for each molecular marker of the combination resulting in a classifier for each combination. The mathematical model applied can be selected from those defined in Section 5.14. In some embodiments, each possible combination of 2, and/or 3, and/or 4, and/or 5, and/or 6, and/or 7, and/or 8, and/or 9 and/or 10 or more of the putative combination friendly molecular markers are tested. For example, if there are 8,000 putative combination friendly molecular markers, each possible combination of 8 or less molecular markers can be written as follows:

 $\underline{8,000!/((8,000-8)! (8)!)}$ 

ach classifier resulting from each combination is scored as described more fully in step 220. In some embodiments, the classifiers are scored using the training population so as to permit time and cost savings. In other embodiments, the classifiers are scored using a scoring population. In yet other embodiments, the classifiers are scored using other resampling or cross validation procedures so as to generate multiple scoring populations. Having scored the classifiers, a subset of classifiers are then selected based on the score.

In some embodiments, the subset of classifiers is any number less than the total number of combinations evaluated. In some embodiments, the top 10%, top 20%, top 30%, top 40%, or top 50% of the classifiers generated are chosen. In some embodiments,

wherein scoring is done using ROC area under the curve, those classifiers with an ROC area under the curve of 0.5, 0.6, 0.7, 0.8, 0.9 or 1.0 are selected.

Having selected a number of classifiers, each representing a combination of molecular markers, the number of occurrences of each putative combination friendly molecular marker in the combinations of the selected classifiers are determined. Putative combination friendly molecular markers can then be selected as combination friendly molecular markers so as to used as candidate molecular markers based on the number of reoccurrences of said molecular marker in the selection of combinations evaluated. In one embodiment, 5, 10, 15, 20, 30, 50, 100, 150, 200 or more additional candidate molecular markers not previously selected in step 204 are chosen to proceed to step 206. In other embodiments, the top 10%, top 20%, top 30%, top 40%, or top 50% of combination friendly molecular markers as determined by reoccurrence statistics are selected to be included in the selected set of candidate molecular markers for purposes of choosing combinations to create classifiers in accordance with steps 214 to 218.

Step 206.

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In step 206, second molecular marker data is obtained for the candidate molecular markers identified in step 204. In one embodiment, the second molecular marker data is measured using any technique described in Section 5.3 or 5.4 or equivalents thereof. In another embodiment, the same technique used to measure the first molecular marker data in step 202 is used to obtain the second molecular marker data. In other embodiments, an alternative technique is used to measure the second molecular marker data. In other embodiments, the first molecular marker data is obtained using one of the following techniques: microarray, and/or RT-PCR and the second molecular marker data is obtained using any technique but microarray. In other embodiments, the first molecular marker data is obtained using microarray and the second molecular marker data is obtained using any technique except for microarray. The use of second molecular marker data is preferred because the changes in differential expression or abundance of the product of the molecular marker in blood as between trait subgroups can be as low as a 1.1 fold, 1.2 fold, 1.3 fold, 1.4 fold, 1.5 fold etc. which makes less sensitive and reproducible techniques less reliable. In addition, techniques which are preferable for the data collection to allow large scale screening in step 202 such as microarray have been shown to have significant inherent reproducibility issues with high standard deviation as between experiments. As such it is necessary to obtain second molecular marker data so as to ensure the accuracy of the ultimate classifiers identified.

Techniques utilized to obtaining second molecular marker data for the plurality of molecular marker products are those techniques known to measure abundance of RNA and/or protein including the techniques described in Section 5.3 and 5.4.

In some embodiments, it is helpful to obtain a third series of molecular marker data (ie third molecular marker data, fourth molecular marker data etc.) which can be molecular marker data of the training population used in steps 202 or of a different training or scoring population using any known technique including those techniques described in sections 5.3 and 5.4. Preferably more expensive and/or time consuming techniques are used once smaller numbers of candidate molecular markers have been identified

In some embodiments, some aspects of step 206 are performed by molecular marker data processing module II - 61. The exact nature of the functionality of molecular processing module 61 will depend on the type of measurement assay used in step 206. However, it is contemplated that module 61 will be used to record measurement values for molecular marker data in a profile similar to molecular marker data processing module I - 50, perform any necessary error correction techniques, normalization techniques (e.g., techniques described in Bevington and Robinson, Data Reduction and Error Analysis for the Physical Sciences, Second Edition, WCB/ McGraw-Hill, 1992, etc.) and/or perform any measurement techniques that can be coded in a digital computer.

Step 208.

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Step 208 is optional and allows for the selection of individual candidate molecular markers of step 206 which can be removed prior to the process of selecting and evaluating combinations of molecular markers in steps 214/216. In optional step 208, one or more candidate molecular markers in data structure 58 (Fig. 1) are eliminated. In optional step 208, the same types of tests that were performed in step 204 can be performed. The main difference is that in step 208, the quantitative data measured in step 206 using low throughput methods is used whereas in step 204, the high throughput data measured in step 202 is used. Data measured in step 206 is used in step 208 to validate the candidate molecular markers.

In one specific embodiment, training population 44 consists of a first trait subgroup and a second trait subgroup and step 208 comprises performing a t-test or a nonparametric equivalent of the t-test on each candidate molecular marker using the molecular marker data measured in step 206 to verify for each candidate molecular marker that the molecular marker data differentiates between the first trait subgroup and the second trait subgroup with some measure of statistical confidence. Candidate molecular markers whose

molecular marker data are less effective in differentiating between the two trait subgroups (e.g. have a p value that is greater than .05) are removed from data structure 58 and are no longer considered as candidate molecular markers.

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In another specific embodiment, training population 44 consists of a first trait subgroup, a second trait subgroup, and a third trait subgroup. In this specific embodiment, ANOVA or a nonparametric equivalent is performed independently on each candidate molecular marker in data structure 58 to verify that each molecular marker differentiates between the three subgroups using the molecular marker data. Candidate molecular markers whose molecular marker data are less effective in differentiating between the three trait subgroups (e.g. have a p value that is greater than .05) are removed from data structure 58 and are no longer considered as candidate molecular markers.

In some embodiments, each molecular marker is validated by using the data for each molecular marker to generate a Receiver Operating Characteristic (ROC) curve.

ROC curves are generally discussed in Park et al., Korean J. Radiol. 5, p. 11, which is hereby incorporated herein by reference in its entirety. In one embodiment of the present invention, an ROC curve is computed for each candidate molecular marker in training population 44 using the molecular marker data measured in step 206. As noted in step 202, training population 44 includes, for each specimen in the training population, an indication 52 as to whether or not the specimen has a particular trait under study.

Each respective ROC curve graphs the True Positive Fraction (TPF) as compared with 1/ the False Positive Fraction (FPF). For example, consider the case in which molecular marker A is being validated and the data for molecular marker A that was measured in step 206 is expression level of the molecular marker A in blood samples from subjects. Table B provides hypothetical values for the abundance of A across training population 44.

Table B: Values for molecular marker data of A across training set 44.

[A]	Presence / Absence of Disease
453	Y
437	Y
424	Y
374	Y
202	N
158	Y
102	N
37	N
0.54	N

In Table B, each line represents a different specimen in the training population. If the relationship between [A] (data of cellular constituent A) and the presence of disease in subjects in the training population is statistically very significant, all positive results (where specimens have the disease) would be at the top of Table B and all negative results (where biological specimens do not have the disease) at the bottom of the Table B.

To plot the ROC curve corresponding to the test illustrated in Table B, the table is divided into a number of cutoff levels. Then, the sensitivity (TPF) and specificity (TNF) of each cutoff level is computed. Sensitivity and specificity are defined with reference to the decision matrix of Table C.

Table C: Decision matrix.

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	True Feature Status		
Test result	Positive	Negative	Total
Positive	- TP	FP	T+
Negative	FN	TN	T-
Total	D+	D-	

In Table C, TP means the number of true positives, FP means the number of false positives, FN means the number of false negatives, and TN means the number of true negatives.

Sensitivity is the proportion of subject with a trait (e.g., a disease or particular biological phenotype) who test positive for the feature. In probability notation sensitivity is  $P(T^+|D^+) = TP / (TP+FN)$ . Specificity is the proportion of patients without the trait who test negative for the feature. In probability notation specificity is  $P(T^-|D^-) = TN / (TN + FP)$ .

The ROC curve is defined as a plot of the sensitivity as the y-coordinate versus 1-specificity (false positive rate) as the x-coordinate. Thus, for Table B, where each line of the Table B represents an independent cutoff level, the following ROC data points are derived.

Table D: ROC data points for Table B.

Ratio Cutoff Level	Sensitivity	1-Specificity
No row	0	0
First row	0.2	0
First two rows	0.4	0
First three rows	0.6	0
First four rows	0.8	0

Ratio Cutoff Level	Sensitivity	1-Specificity
First five rows	0.8	0.25
First six rows	1	0.25
First seven rows	1	0.5
First eight rows	1	0.75
First nine rows	· 1	1

To compute the last row of Table D, the number of TP, FP, FN, and TN are counted in Table B when the condition is imposed that the classifier predicts that no specimen in Table B is positive for presence of the trait (e.g., disease or a particular biological phenotype). This, of course, is not an accurate classifier as reflected in the respective sensitivity and specificity values of 0 and 1. Plotting sensitivity by 1-specificity yields the coordinate (0,0) as illustrated in the last row of Table D. Figure 7 illustrates the ROC curve based upon the data points illustrated in Table D. As illustrated in Fig. 7, a ROC curve begins at coordinate (0,0) and ends at coordinate (1,1).

Once an ROC curve has been computed for a molecular marker, in one embodiment, the area under the ROC curve can be quantified. Generally, an area of 1.0 represents a molecular marker that is a perfect diagnostic indicator of the presence of absence of the trait. Preferably an area of greater than 0.5 is desired for a diagnostic indicator, but it will depend upon the trait of interest. For example measurement of protein PSA levels currently used to diagnose prostate cancer has an ROC of 0.47.

In some embodiments there are as many as fifty candidate molecular markers in data structure 58 at this stage of the inventive method. In some embodiments there are more than fifty candidate molecular markers. In practice, the number of candidate molecular markers that remain can be set to any desired number by raising or lowering the criteria for eliminating molecular markers. For example, smaller p values from ANOVA or t-tests, or larger ROC curve areas can be required if the total number of molecular markers is too large.

Steps 210 and 212.

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Step 210 is optional and allows the additional removal of individual candidate molecular markers of step 206 by evaluating how each individual candidate molecular marker performs within a model which evaluates a combination of molecular markers prior to performing the evaluation of combinations in step 214/216.

In optional step 210 all or a portion of the remaining candidate molecular markers in data structure 58 are used to generate a regression classifier. To compute the regression classifier, measured data from step 206 for the molecular markers in two different trait

subgroups in training population 44 are used. In some embodiments, the two different trait subgroups respectively represent a diseased and nondiseased state. In some embodiments, the two different trait subgroups respectively represent a first diseased state (e.g. cancer) and a second unrelated diseased state (e.g., Alzheimer's disease). In some embodiments, the two different trait subgroups represent those subjects that are responsive to drug therapy and those subjects that are not responsive to drug therapy. In still other embodiments, the two different trait subgroups from which molecular marker data is obtained represent data from subjects obtained a priori to treatment, but that have been classified into different trait subgroups on the basis of the ultimate response to treatment. In some embodiments, the two different trait subgroups respectfully represent two different stages of a disease (e.g., moderate versus advanced).

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In some embodiments, data for between ten and thirty candidate molecular markers in the two select trait subgroups is used in the logistic regression. In some embodiments, between twenty and one hundred candidate molecular makers in the two select trait subgroups is used in the logistic regression. In still other embodiments, all the candidate molecular markers in the two select trait subgroups are used in the logistic regression.

In step 210 logistic regression can be used because one of the dependent variables is binary - absence or presence of a particular phenotype. For example, consider the case in which molecular marker data from a first trait subgroup and molecular marker data from a second trait subgroup is used in step 210. The first trait subgroup is characterized by a first disease and the second trait subgroup is characterized by a second disease. In such instances, what can be considered by logistic regression is absence or presence of the first disease in subjects. Alternatively, what can be considered by logistic regression is absence or presence of the second disease in subjects.

In general, the multiple regression equation of interest can be written

$$Y = \alpha + \beta_1 X_1 + \beta_2 X_2 + \cdots + \beta_k X_k + \varepsilon$$

where Y, the dependent variable, is presence (when Y is positive) or absence (when Y is negative) of the trait (e.g., phenotype, condition) associated with the first trait subgroup considered in step 204. This classifier says that the dependent variable Y depends on k explanatory variables (the measured data values for the k candidate molecular markers from subjects in the first and second trait subgroups in training population 44), plus an error term that encompasses various unspecified omitted factors. In the above-identified classifier, the parameter  $\beta_1$  gauges the effect of the first explanatory variable  $X_1$  on the

dependent variable Y, holding the other explanatory variables constant. Similarly,  $\beta_2$  gives the effect of the explanatory variable  $X_2$  on Y, holding the remaining explanatory variables constant.

In general, in the multiple regression procedure, estimates for  $\beta_i$  are obtained by taking into account how uncontrolled changes in other variables influence Y. Thus, in specific embodiments of the present invention, regression is used to eliminate at least some of the candidate molecular markers rather than relying entirely on the tests described in step 208 because the regression takes into account patterns in which multiple molecular markers influence the dependent variable (absence or presence of a trait) in a concerted fashion.

Because the dependent variable data is binary, logistic regression can be used. The logistic regression classifier is a non-linear transformation of the linear regression. The logistic regression classifier is termed the "logit" classifier and can be expressed as

$$\ln[p/(1-p)] = \alpha + \beta_1 X_1 + \beta_2 X_2 + \dots + \beta_k X_k + \varepsilon$$
 or

$$[p/(1-p)] = \exp^{\alpha} \exp^{\beta_1 X_1} \exp^{\beta_2 X_2} \times \cdots \times \exp^{\beta_k X_k} \exp^{\varepsilon}$$

where,

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In is the natural logarithm,  $\log_e$ , where e=2.71828..., p is the probability that the event Y occurs, p(Y=1), (1-p), the probability that the event Y does not occur, p (Y $\neq$ )0, p/(1-p) is the "odds ratio",  $\ln[p/(1-p)]$  is the log odds ratio, or "logit", and

all other components of the classifier are the same as the general regression equation described above. It will be appreciated by those of skill in the art that the term for  $\alpha$  and  $\epsilon$  can be folded into a single constant. Indeed, in preferred embodiments, a single term is used to represent  $\alpha$  and  $\epsilon$ . The "logistic" distribution is an S-shaped distribution function. The logit distribution constrains the estimated probabilities (p) to lie between 0 and 1.

In some embodiments of the present invention, the logistic regression classifier is fit by maximum likelihood estimation (MLE). In other words, the coefficients (e.g.,  $\alpha$ ,  $\beta_1$ ,  $\beta_2$ , ...) are determined by maximum likelihood. A likelihood is a conditional probability (e.g., P(Y|X), the probability of Y given X). The likelihood function (L) measures the

probability of observing the particular set of dependent variable values  $(Y_1, Y_2, ..., Y_n)$  that occur in the sample data set. It is written as the probability of the product of the dependent variables:

$$L = Prob (Y_1 * Y_2 *** Y_n)$$

The higher the likelihood function, the higher the probability of observing the Ys in the sample. MLE involves finding the coefficients  $(\alpha, \beta_1, \beta_2, ...)$  that makes the log of the likelihood function (LL < 0) as large as possible or -2 times the log of the likelihood function (-2LL) as small as possible. In MLE, some initial estimates of the parameters  $\alpha$ ,  $\beta_1, \beta_2, ...$  are made. Then the likelihood of the data given these parameter estimates is computed. The parameter estimates are improved the likelihood of the data is recalculated. This process is repeated until the parameter estimates do not change much (for example, a change of less than .01 or .001 in the probability). Examples of logistic regression and fitting logistic regression classifiers are found in Hastie, *The Elements of Statistical Learning*, Springer, New York, 2001, pp. 95-100, which is hereby incorporated by reference in its entirety.

Step 212.

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In specific embodiments, all or a portion of the candidate molecular markers are used and the molecular marker data fit using logistic regression. Then, in a stepwise fashion, some of the molecular markers are eliminated from the classifier using backward stepwise regression. Backward stepwise regression begins with a full or saturated classifier and variables are eliminated from the classifier in an iterative process. The fit of the classifier is tested after the elimination of each variable (molecular marker) to ensure that the classifier still adequately fits the molecular marker data. When no more variables can be eliminated from the classifier or a desired number of molecular markers remain in the classifier, the analysis has been completed. In specific embodiments, the regression applied in step 210 is used to refine the candidate molecular marker list to less than 25, less than 24, less than 23, less than 21, or less than 20 molecular markers.

In one embodiment, a logistic regression classifier is computed using all or a portion of the available candidate molecular markers in data structure 58. Then, coefficients are tested for significance for inclusion or elimination from the classifier using a Wald test, a likelihood-ratio test (chi-squared statistic), a Hosmer-Lemshow Goodness of Fit Test, or the like. For example, the likelihood-ratio test uses the ratio of the maximized value of the likelihood function for the full classifier (L<sub>1</sub>) over the maximized value of the

likelihood function for the simpler classifier (L<sub>0</sub>) in which one or more molecular markers have been removed. The likelihood-ratio test statistic equals:

$$-2\log\left(\frac{L_0}{L_1}\right)$$

This log transformation of the likelihood functions yields a chi-squared statistic.

Step 213.

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Step 213 is optional. We have found that performing optional step 213 provides a significant improvement in identifying classifiers which are particularly useful in diagnosis of a disease or condition of interest. In optional step 213, clinically measurable parameters are identified which are thought to be relevant to the trait of interest for which a classifier is desired. For example, where the trait of interest is prostate cancer, clinically measurable parameters chosen are those that are known or are shown to be relevant to the trait of interest. For example in one embodiment, clinically measurable parameters relevant to prostate cancer can include age of subject, level of prostate specific antigen (PSA); and volume of prostate. In yet another embodiment, where the trait of interest is osteoarthritis, some relevant clinically measurable parameters are age and body mass index (BMI). The selected clinically measurable parameters are then included as part of the "selected set of candidate molecular markers" and are treated as molecular markers for the purpose of selecting combinations and developing classifiers in step 214 through 218 as described below.

In order to treat the clinically measurable parameter as a molecular marker for purposes of step 214 through 218, the clinically measurable parameter must have associated data. In some embodiments, where the clinically measurable parameter is one which has an associated value - for example age, blood glucose level, PSA level, blood pressure, body mass index, etc., the value can be treated as the molecular marker data for

purposes of steps 214 through 218. In some embodiments there is no value associated with the clinically measurable parameter, for example where the relevant clinical parameter is determinable but does not provide a value. In those cases, a value can be assigned to represent each aspect of the clinically measurable parameter. For example where the sex of a person is the clinically measurable parameter, a value of 1 can be

assigned to represent that the person is male, and a value of 0 can be assigned to represent that the person is female. As yet another example, where the relevant clinically

1 caucasian, 2 asian, 3ashkanazi jew etc. and said value can be used as the molecular marker data associated with ethnicity for purposes of step 214 through 218.

Step 214.

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Steps 214 through 218 provide an approach in which all or a portion of the possible combinations of the selected set of candidate molecular markers resulting from steps 202-213 are chosen. Molecular marker data from each candidate molecular marker in a elected combination is applied to a mathematical model as described more fully in Section 5.14. If there are N selected molecular markers at this stage then, in some embodiments, as many as 2N-1 different combinations can be selected and classifiers can be computed for each of these combinations. For example, consider the case in which three molecular markers are selected after any combination of steps 201 through 212 have been performed and logistic regression is used in step 216. In this case, the following 23-1 mathematical models can be used to form 23-1 corresponding classifiers:

$$\ln[p/(1-p)] = \alpha + \beta_1 X_1 + \beta_2 X_2 + \beta_3 X_3 + \varepsilon$$

$$\ln[p/(1-p)] = \alpha + \beta_1 X_1 + \beta_2 X_2 + \varepsilon,$$

$$\ln[p/(1-p)] = \alpha + \beta_1 X_1 + \beta_3 X_3 + \varepsilon,$$

$$\ln[p/(1-p)] = \alpha + \beta_2 X_2 + \beta_3 X_3 + \varepsilon,$$

$$\ln[p/(1-p)] = \alpha + \beta_1 X_1 + \varepsilon,$$

$$\ln[p/(1-p)] = \alpha + \beta_1 X_1 + \varepsilon,$$

$$\ln[p/(1-p)] = \alpha + \beta_2 X_2 + \varepsilon, \text{ and}$$

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$$\ln[p/(1-p)] = \alpha + \beta_3 X_3 + \varepsilon.$$

In these mathematical models,  $\alpha$ ,  $\beta_1$ ,  $\beta_2$ , ...,  $\beta_N$  represent coefficients that are regressed against molecular marker data whereas  $X_1$ ,  $X_2$ , ...,  $X^N$  each represent a different RNA or protein (or more generally, a molecular marker) for which molecular marker data is available. In some embodiments any one of elements  $X_1$ ,  $X_2$ , ...,  $X^N$  can represent a clinically measurable parameters. In a preferred embodiment for each combination chosen, at least one of the molecular markers of the series of  $X_1$ ,  $X_2$ , ...,  $X^N$  does not represent a clinically measurable parameter. In some embodiments, additional interaction

terms are also considered, producing non linear behaviour and resulting in greater than or less than as 2<sup>N-1</sup> different combinations. In some embodiments, additional interaction terms are also considered, producing non linear behaviour. For instance, in the example above, another mathematical model to which molecular marker data can be applied in order to form a classifier is:

$$ln[p/(1-p)] = \alpha + \beta_2 X_2 + \beta_3 X_3 + \beta_4 X_2 X_3 + \varepsilon$$

where the coefficient  $\beta_4$  represents the interaction between molecular marker  $X_2$  and  $X_3$ . In such embodiments, more than  $2^N$ -1 "combinations" and thus more than  $2^N$ -1 classifiers are considered. In addition to the possibility of interaction terms, the present invention encompasses nonlinear variables. Examples of nonlinear variables include variables that are squared, squared rooted, or in fact, taken to any power. For instance, additional examples of mathematical models to which molecular marker data can be applied include:

$$\ln[p/(1-p)] = \alpha + \beta_2(X_2)^2 + \beta_3 X_3 + \beta_4 X_2 X_3 + \varepsilon$$
$$\ln[p/(1-p)] = \alpha + \beta_2 (X_2)^{1/2} + \beta_3 X_3 + \beta_4 X_2 X_3 + \varepsilon$$

In some embodiments, a logarithmic or exponential function is applied to one or more of the variables. In some embodiments, ratios of molecular marker data can be used as a mathematical model. For example, consider the case in which regression is used to apply molecular marker data to the following equation in order to develop a classifier:

$$\ln[p/(1-p)] = \alpha + \beta_1 X_1 + \beta_2 X_2 + \beta_3 X_3 + \varepsilon$$

Above, it was noted that  $X_1, X_2, ..., X_N$  each represent the product of a different gene (or more generally, a molecular marker or molecular marker like element) for which molecular marker data is available. However, in the case where ratios are selected for use in mathematical models which are subsequently scored, each  $X_1, X_2, ..., X_N$  can in fact represent a ratio of abundance and/or expression levels for two different molecular marker products e.g. RNA or proteins, or any other type of molecular marker. For example,  $X_1$  can represent the ratio between molecular marker data measured in step 206 representative of gene (molecular marker) A and data for gene B in training population 44. Mixed forms of mathematical models are also possible. For example, some variables X can represent ratios between the molecular marker data of two molecular markers whereas other variables X can represent molecular marker data of discrete molecular markers as opposed to ratios of molecular marker data. In one specific embodiment a "ratio" of the RNA products of two molecular markers can be used and all or some of the possible combinations of said "ratios" can be utilized. For example, where the molecular marker

data is a measure of abundance of RNA is determined using quantitative RT-PCR, the measure of the expression level of gene (molecular marker) A and the measure of the expression level of gene B can be used as a single term. In some embodiments this is done by first determining the level of expression of each gene individually as compared with an internal housekeeping control such as β-actin:

e.g. 
$$\Delta Ct = Ctgene A - Ct\beta actin$$

where Ctgene A is the threshold cycle of amplification of Gene A and Ct $\beta$ actin is the threshold cycle of amplification of the internal control  $\beta$ -actin. Similarly the level of expression of gene B is also determined in comparison with an internal housekeeping control

e.g. 
$$\Delta Ct = Ct_{\text{gene B}} - Ct_{\text{\betaactin}}$$

In order to combine the terms into a single term for purposes of creating a classifier using "ratios" of the two terms - the terms are combined as follows to form a single variable (e.g. X).

$$\Delta Ct = Ct_{\text{gene A}} - Ct_{\text{gene B}}$$

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This is commonly described as the use of ratios given the logarithmic nature of the measure of Ct. Thus in some embodiments, the  $X_1, X_2, ..., X_N$  of a classifier, each term represents the "ratio" of two molecular markers. In other embodiments the Ct scores are compared directly rather than compared with an internal control.

For example, consider the case in which the desire is to form a classifier that discriminates between a first trait subgroup and a second trait subgroup wherein each term of the classifier represents molecular marker data which is derived from a combination of molecular markers using ratios as outlined above (e.g. ΔCt = Ct<sub>gene A</sub> – Ct<sub>gene B</sub>). In such a case, each variable actually represents two molecular markers – the ratio of the molecular marker data for two molecular markers. Therefore in instances, for example, where 10 molecular markers have been identified by the funneling process of steps 202-210, 45 possible combinations of "ratios" of molecular markers can be formed

where n is the number of possible molecular markers (e.g. 10).

In some embodiments it is particularly useful to select molecular markers where the molecular marker data will work well in the form of a "ratio" thus, as part of step 214, in one embodiment, prior to selecting combinations of molecular markers, molecular markers whose molecular marker data can be combined as ratios are first identified.

The use of molecular marker data as variables in which the variable representing the product of the molecular marker is in the form of ratios or raised to some arbitrary power (e.g., a, 2, N, etc.) is not limited to mathematical models based on regression. Such variables can be used in any of the mathematical models described herein (e.g., neural networks). For example, consider the case in which the desire is to form a classifier that discriminates between a first trait subgroup and a second trait subgroup wherein each term of the classifier is a combination of molecular markers evaluated as a ratio. In step 214, in one embodiment, prior to selecting ratios of molecular markers, molecular markers which can be combined as ratios are first identified. Molecular markers which can be combined as ratios are those molecular markers wherein the ratio as between said molecular markers is a value which is not equal t 1.0 (or in one embodiment wherein  $\Delta Ct = Ct_{\text{gene }A} - Ct_{\text{gene }B}$ does not equal zero. In one embodiment, a first set of molecular markers and a second set of molecular markers are selected to create ratios such that the first set of molecular marker data demonstrates the molecular marker is upregulated in the first trait subgroup (relative to the second trait subgroup) in training population 44 and a second set of molecular marker data demonstrates that the molecular marker is downregulated in the first trait subgroup in training population 44 (relative to the second trait subgroup). Thus, for example an upregulated gene is one in which  $\Delta Ct = Ct_{gene\ B}$  -  $Ct_{\beta actin} > 0$  and a downregulated gene is one in which  $\Delta Ct = Ct_{gene\ A} - Ct_{\beta actin} < 0$ ,

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Here, the term upregulated or downregulated generally means that such up or down regulation is observed in the training population with some measure of statistical confidence, for example a t-test having a p value of 0.05, less than 0.01, less than 0.005, less than 0.001, less than 0.0005, less than 0.0001, or less. Then, ratios of molecular markers can be formed using one molecular marker from the first set and a second molecular marker from the second set.

In another embodiment, a ratio for use in a selected combination is one in which the numerator represents the molecular marker data that demonstrates the molecular marker is upregulated in a first trait subgroup (as compared with a second trait subgroup) and the denominator represents the molecular marker data that demonstrates the molecular marker is upregulated in a second trait subgroup (as compared with a first trait subgroup). With such a ratio, a value greater than "1" indicates that the organism from which the molecular marker data was measured is a member of the first trait subgroup whereas a value less than "1" indicates that this organism is a member of the second trait subgroup. Thus, in some embodiments, step 214 comprises obtaining combinations of ratios of

molecular marker data. In some embodiments, step 214 comprises obtaining some multiple of molecular markers and forming a plurality of ratios of the molecular marker data so as to generate a plurality of combinations of molecular markers.

In step 214, a combination of molecular markers is selected. In some embodiments, this combination of molecular markers consists of a single molecular marker. In some embodiments, this combination of molecular markers comprises 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, as many as 30, as many as 40, as many as 50 or more molecular markers. In some embodiments, this combination of molecular markers consists of a combination of ratios of molecular markers wherein the combination comprises 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, as many as 30, as many as 40, as many as 50 or more molecular markers. For each candidate molecular marker added, the number of possible combinations grows exponentially. The limitation to the number of combinations selected for evaluation is dependent upon the capacity of the computer, network of computers or supercomputers utilized. In one embodiment, all possible combinations of molecular markers resulting from steps 202-213 (or resulting from some subset of steps 202-213) are chosen. In another embodiment, all possible combinations of ratios of molecular markers resulting from steps 202-213 (or resulting from some subset of steps 202-213) are chosen. In another embodiment, one can subject all possible pairs of candidate molecular markers; all possible combinations of three molecular markers, all possible combinations of four molecular markers; all possible combinations of five molecular markers, all possible combinations of six molecular markers, all possible combinations of seven molecular markers etc. In another embodiment, all possible combinations of two sets of ratios are chosen, in another embodiment, all possible combinations of three sets of ratios are chosen, in another embodiment, all possible combinations of four sets of ratios are chosen, in another embodiment, all possible combinations of five sets of ratios are chosen. Each of the combinations of molecular markers is evaluated in subsequent processing steps.

Step 216.

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In step 216, a classifier is computed using each combination of molecular markers chosen in the last instance of step 214 and by applying the classifier to the molecular marker data measured for each molecular marker of this combination of molecular markers to a mathematical model, such as the mathematical models defined in Section 5.14 resulting in one or more classifiers for each combination. As described more thoroughly in Step 204, in some embodiments, one or more subjects of the training population are

identified as outliers and are removed prior to computing classifiers for each combination of molecular markers chosen.

In order to compute a classifier, in some embodiments, the mathematical model is a regression model, a neural network, a clustering model, principal component analysis, nearest neighbor classifier analysis, linear discriminant analysis, quadratic discriminant analysis, a support vector machine, a decision tree, a genetic algorithm, classifier optimization using bagging, classifier optimization using boosting, classifier optimization using the Random Subspace Method, Bayesian Networks (see F. V. Jensen. "Bayesian Networks and Decision Graphs". Springer. 2001, which is incorporated herein by reference in its entirety), a projection pursuit, weighted voting, a ratio or combination of ratios, or any combination of the above. Representative mathematical models that can be used in the present invention are described in Section 5.14. In the case where the mathematical model is a ratio or combination of ratios, steps 214 and 216 involve using the low throughput molecular marker data from training population 44 that was measured in step 206 to determine which molecular markers should be in the numerator of the ratios and which molecular markers should be in the denominator of the ratios. In some embodiments, the mathematical model used comprises a plurality of ratios of the molecular marker data. In such embodiments, the molecular marker data used in the numerators of the plurality of ratios can be the same or different than the molecular marker data used in the denominators of the plurality of ratios. In other words, a given molecular marker can be represented in the numerator of more than one ratio in the plurality of ratios or represented in the denominator of more than one ratio in the plurality of ratios.

Step 218.

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In optional step 218 a determination is made as to whether all of the possible desired combinations of molecular markers to be tested have been considered. As discussed above in step 214, all or a portion of possible combinations may be tested. If not (218-No) process control returns to step 214 where another combination of molecular markers is selected and, at step 216, this new combination of molecular markers is evaluated using a mathematical model applied to the molecular marker data of the new combination. In some embodiments, the candidate molecular marker list comprises less than 25, less than 24, less than 23, less than 22, less than 21, or less than 20 molecular markers at step 214. In some embodiments, step 218 requires that a classifier be computed for all possible combinations of molecular markers. In other embodiments, step 218

requires that classifiers for only a portion of the possible combinations of molecular markers be considered.

In some embodiments, some aspects of steps 214-218 are performed by molecular marker classifier evaluation module 62. In fact, in some embodiments, several different software programs, such as Microsoft (Redmond, Washington) Excel, are used in steps 214-218.

Step 220.

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Once all the desired classifiers have been computed by loop 214-218, the classifiers are evaluated to determine which of the classifiers are most effective. In one embodiment the resulting classifiers of loop 214-218 are scored. In some embodiments, scoring is done using the training population 44. In other embodiments, scoring is done using a "scoring population" wherein the scoring population includes at least some members not present in the training population. In one embodiment, the scoring population includes members of the training population in addition to one or more members not used in the training population. In some embodiments, five percent or less, ten percent or less, twenty percent or less, thirty percent or less, fifty percent or less, or ninety percent or less of the members of the training population are common to the scoring population.

In some embodiments, the Percent Correct Predictions statistic is used to score each classifier. The "Percent Correct Predictions" statistic assumes that if the estimated p is greater than or equal to 0.5, then the event is expected to occur and to not occur otherwise. By assigning these probabilities zeros and ones, a comparison can be made to the values of the samples in the training population to determine what percentage of the training population was sampled correctly.

In some embodiments, ROC analysis is performed and is used to score the classifiers. In one embodiment, the area under the ROC curve is used to judge the quality of the classifier. As would be understood by those of skill in the relevant arts, area under the curve converts the two dimensional information contained in the ROC curve into one dimensional information. In other embodiments, information from the two dimensional aspect of the ROC curve is utilized directly. For example, the ROC curve also provides information with respect to the sensitivity and specificity of the classifier. In some embodiments, classifiers are selected on the basis of either sensitivity or specificity. This can be an important scoring indicator. For example, a diagnostic classifier with high sensitivity (ie high true positive rate and low false negative rate may be important in situations where it is safer to misdiagnosis an individual as having disease rather than

misdiagnosing a disease bearing person as normal. Therefore in some embodiments, a cutoff can be set for either sensitivity or specificity and the classifier ranked or scored on the basis of the remaining variable. In some embodiments, ROC curves are generated for each model computed in an instance of step 216 using data obtained in step 206 for members of either the training population or scoring population or both.

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In some embodiments, the classifier resulting from the application of the mathematical itself results in a score as to the accuracy of the model. In this embodiment, the score is based on the accuracy of the model within the training population only.

In some embodiments, a classifier is a weighted logistic regression model characterized by a multicategory logit model. For example, in some embodiments, a classifier discriminates between two different trait groups. In other embodiments, a classifier discriminates between more than two different trait groups. Logit models, including multicategory logit models are described in Agresti, An Introduction to Categorical Data Analysis, John Wiley & Sons, Inc., 1996, New York, Chapters 7 and 8, which is hereby incorporated by reference. Table E illustrates the data that is used to form an ROC curve based on expression data applied to a mathematical model that uses the logit:

$$\ln[p/(1-p)] = \alpha + \beta_1 X_1 + \beta_2 X_2 + \varepsilon$$

Table E: Values for the logit  $\ln[p/(1-p)] = \alpha + \beta_1 X_1 + \beta_2 X_2 + \varepsilon$  using hypothetical values for training population 44

ln[p/(1 - p)]	Presence / Absence of a Trait
0.98	Y
0.97	Y
0.95	Y
0.93	Y
0.91	N
0.11	Y
0.07	N
0.03	N

Each row in Table E corresponds to a different specimen in the scoring population. The left column represents the results of the logit for the classifier being sampled. The specimens in Table E are ranked by the logit score listed in the left hand column. The

right hand column details the presence or absence of the trait that is being considered by the regression equation. Table E can be used to compute a ROC curve using the same techniques disclosed in step 208 (in which each row in Table E is considered a threshold cutoff value in order to compute ROC curve datapoints). Then, the area under the ROC curve can be computed in order to assess the predictive quality of the classifier.

In step 220, each classifier is scored using any of the techniques disclosed here or that are known in the art. The classifiers can then be ranked based on their score. For example, they can be ranked based on the percent correct predictions, area under the ROC curve, sensitivity or specificity or some weighted or unweighted combination of the two scoring techniques. In some embodiments, step 220 is performed by molecular marker evaluation module 64.

Step 222.

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Step 222 is optional. Optional step 222 provides additional filtering to eliminate some of the candidate classifiers computed in loop 214-218. In one such filter, limited to the case in which the classifiers computed in steps 214-218 are based on application of data to regression based mathematical models, classifiers that have at least one coefficient that is large are eliminated. Such classifiers have the potential to magnify small errors in the data. In some embodiments, determination as to whether or not a coefficient is large can require multiple computation steps. In instances where a coefficient uniquely represents a molecular marker, the maximum value (MAX) for the data measured for the molecular marker in a trait subgroup associated with the classifier is identified. For example, consider the case in which a given coefficient uniquely represents the expression of gene A in blood. Further suppose that low throughput data for gene A from 10 individuals of a particular trait subgroup was measured in step 206. The value MAX would be the largest expression value observed for gene A in the ten individuals from the subject trait subgroup. For example, if individual #7 in the set of ten individuals exhibited the highest expression level for gene A as determined by the methods of step 206, then the expression value measured for gene A in individual #7 will represent MAX. Next, the minimum value (MIN) for the data measured for the molecular marker in the subject trait subgroup is identified. In the example presented above, MIN is the expression level of gene A in the subject having the lowest expression level for gene A in the set of ten subjects as determined by the low throughput measurement methods of step 206. Next, the coefficient derived in the regression for the unique molecular marker (e.g., the coefficient for gene A) is multiplied by the difference between (MAX) and (MIN) in order to obtain

the test value (TEST). In other words, for each coefficient i in a classifier, the following equation is computed:

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## $TEST_i = coefficient_i * [MAX - MIN].$

As an example, consider the case in which a classifier is used to determine whether or not a subject has a particular cancer. In this case, one of the trait subgroups in training population 44 will represent patients that have this cancer. To evaluate a coefficient of a classifier in this case, the low value and high value for the measured data of the molecular marker i in the trait subgroup is obtained and the difference between these two values is multiplied against the coefficient value in order to obtain the value of TEST<sub>i</sub>. In some embodiments, a coefficient i is considered large and the classifier that includes the coefficient is discarded when the value is greater than 5, greater than 10, greater than 100 or greater than 1000.

In typical embodiments, a classifier will determine whether a subject falls into one of at least two different trait subgroups. In other words, the classifier will discriminate between at least two different trait subgroups. A test has been presented above for determining whether a coefficient in a regression derived classifier is too large. This test used one of the trait subgroups that the classifier discriminates. In some embodiments, the test is repeated for each of the trait subgroups that the classifier can discriminate. For example, in the case of a classifier that can discriminate between the cancerous trait subgroup and the non-cancerous trait subgroup, the test is independently run using data from each trait subgroup. That is, the test is first run using only data from the cancerous trait subgroup and then the test is run a second time using only data from the non-cancerous trait subgroup. If a coefficient is too large in any such independent test, the classifier is eliminated from further consideration. In some embodiments, the test is run against only one of the possible trait subgroups that the subject classifier can discriminate.

In another embodiment, some classifiers are eliminated on the basis of the score. For example, where the scoring system used is receiver operating characteristic (ROC) curve score determined by an area under the ROC curve, in some embodiments, those classifiers with scores of less than 0.95, 0.9, 0.85, 0.8, 0.7, 0.65, 0.6, 0.55 0.5 or 0.45 or less can be eliminated. In other embodiments, where specificity is important to the use of the classifier, a sensitivity threshold can be set and classifiers ranked on the basis of the specificity. for example with a cutoff for specificity of less than 0.95, 0.9, 0.85, 0.8, 0.7, 0.65, 0.6, 0.55 0.5 or 0.45 or less can be eliminated. Similarly, the specificity threshold can be set and classifiers ranked on the basis of sensitivity for example with a cutoff for

sensitivity of less than 0.95, 0.9, 0.85, 0.8, 0.7, 0.65, 0.6, 0.55 0.5 or 0.45 or less can be eliminated. Thus in some embodiments, only the top 10 ranking classifiers, the top 20 ranking classifiers, or the top 100 ranking classifiers are selected and the remaining classifiers eliminated.

Step 224.

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After classifiers have been scored and ranked and some classifiers optionally eliminated; one or more classifiers can be combined to create a classifier group. For instance, in some embodiments, the top 10 ranking classifiers, the top 20 ranking classifiers, or the top 100 ranking classifiers are selected. In some embodiments, any of the top 1 to top 500 ranking classifiers is selected. In instances where more than one classifier is selected, in one embodiment, each classifier contributes one vote to the diagnosis of the test subject such that diagnosis of the test subject is determined as a result of a combination of classifiers. In other embodiments, multiple classifiers can be used and different weighting schema applied to each classifier. For example, weighting schema can include weighting on the basis of factors such as the original score the classifier, the logs odd ratio ("logit"), the size of the coefficients for each classifier, some combination thereof and the like.

Step 226.

Step 226 is optional. Optional step 226 is useful if training population 44 is comprised of more than two trait subgroups. In cases where there are more than two trait subgroups, multiple binary classifiers (or groups of said classifiers) can be developed wherein each binary classifier (or group of said classifiers) is directed towards differentiating as between two traits. In one embodiment, each round of the funnel (e.g. steps 202, 204, 206, 214, 216, 220 and 224) produces a set of binary classifiers. In another embodiment, multiple lists of binary candidate molecular markers are developed by performing step 202, and then binary classifiers (or groups of binary classifiers) are developed by proceeding with multiple rounds of the remainder of the funnel (e.g. steps 204, 206, 214, 216, 220 and step 224). Because each classifier represents only a binary test e.g. the absence or presence of a single trait, in step 226 a determination is made as to whether all classifiers have been developed for training population 44. If not (226-No), process control returns to step 210 and work is initiated to develop a classifier for a different trait represented by training population 44. Therefore, steps 210-224 can optionally be repeated until one or more classifiers or groups of classifiers have been selected for each of the trait subgroups represented by training population 44.

In some embodiments, each classifier or group of classifiers developed in accordance with embodiments of the present invention is stored in classifier database 70. Fig. 5 illustrates an exemplary classifier database 70 in accordance with one embodiment of the present invention. Database 70 includes an entry 400 for each classifier 400. Each classifier 400 is optionally given a classifier name 402. Each classifier 400 is part of classifier. For example, a given classifier can consist of only a single classifier. In other embodiments, a given classifier can consist of one or a plurality of classifiers. Therefore, each classifier 402 includes an indicator 403 to indicate which classifier the classifier is in. Further, each classifier 400 has an optional indicator 404 to indicate the trait that the classifier can discriminate. In some embodiments, optional indicator indicates the trait subgroups that the classifier can discriminate. In some embodiments such information can be inferred from the classifier identifier field 403 since each classifier represents the absence or presence of a particular trait (e.g., absence or presence of cancer). In addition to this header information, each classifier includes the identity 406 of one or more molecular markers and the respective coefficients 408 for each of the molecular markers.

Once classifiers or classifier groups have been developed, the classifiers can be used to diagnose a patient that has presented as possibly having a disease that can be differentiated by the classifiers. Figure 3 is a flowchart of a method of applying the classifiers to a patient.

Step 328.

Step 328 can be performed after the previously described steps, or can be used in conjunction with a classifier or classifier groups derived using the methods disclosed herein. As such, steps 328-334 represent a completely independent method of the present invention and can be performed at any time once suitable classifiers have been developed using, for example, steps 301 through 326. Step 328 is used in conjunction with step 330 to diagnose a trait of interest of an individual not represented in either the training population or the scoring population (a "test individual"). Each classifier or classifier group identified previously can be used to determine whether a test individual has a trait of interest. In order to perform such tests, molecular marker data for each molecular marker of the classifier or classifier group of interest is required. To obtain such data, a sample of blood from the subject is obtained using any of the techniques described in Section 5.2. The sample is used to measure molecular marker data for each molecular marker in the sample using any of the techniques described in Sections 5.3 or 5.4. Thus in step 328, once classifiers have been identified, molecular marker data for use with the classifier or

classifier groups can be obtained using either high throughput or low throughput techniques.

Advantageously, the molecular marker data obtained in step 328 can be stored in patient database 68 for later use. In fact, in some embodiments, rather than obtaining molecular marker data from a patient sample in step 328, the data is obtained from a subject in patient database 68. In such embodiments, the molecular marker data was previously loaded into patient database 68.

Fig. 6 illustrates a patient database 68 in accordance with one embodiment of the present invention. There is a record 500 for each patient (subject) tracked by patient database 68. Each patient record 500 optionally includes a patient identifier 502 to uniquely identify the patient. In some embodiments such unique identifiers can be inferred from the patient record value 500. Each patient record 500 includes a molecular profile 504 comprising molecular marker data collected for a plurality of molecular marker products from a sample defined in Section 5.2 using any one of the techniques described in Sections 5.3 and 5.4. In typical embodiments, a molecular profile 504 includes a plurality of molecular marker identities 506 and the corresponding measured molecular marker data values 508 for such molecular markers. In addition to the molecular profile, each patient record 502 can include one or more traits 510. Such trait characterizations can be assigned by observation of the subject and/or by testing the patient's molecular profile using the classifiers constructed in accordance with the methods of the present invention. Section 5.10, below, provides more details on exemplary patient databases 68.

Step 330.

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In step 330 the classifier created using some or more of the previous steps is used to diagnose a test individual. In some embodiments diagnosis can be performed using a classifier group from step 224. For example, in one embodiment, where there are numerous classifiers after step 222 that provide satisfactory scores (given the purpose for use), a test subject can be diagnosed by using the results of all or some of these classifiers in the form of a classifier group as described in step 224. In one embodiment, the term diagnosis means the results of a single classifier or group of classifiers resulting from the application of the funneling method described in steps 202-224. For example, the resulting classifier or group of classifiers will enable the ability to determine whether a test individual belongs to one of two possible trait subgroups. In another embodiment, by the term diagnosis is meant the results of multiple classifiers or multiple groups of classifiers (ie classifiers resulting from the application of more than one round of the funneling

method described in steps 202 – 224). For example, the resulting classifiers or groups of classifiers used in series can allow a diagnosis as to whether an individual belongs to one of three or more possible trait subgroups (e.g. results of first classifier distinguish as to whether person has schizophrenia or does not have schizophrenia – If not schizophrenia apply a second classifier or group of classifiers to determine whether individual has bipolar disorder or does not have bipolar disorder etc.) The use of the classifiers to diagnose depends upon the trait subgroups used to develop the classifier. For example, if the classifier was developed to differentiate as between two trait subgroups, the classifier can be used to diagnose a test subject as being either of the first trait subgroup or the second trait subgroup. To diagnose a test subject, preferably a quantitative technique such as quantitative RT-PCR is utilized to obtain molecular marker data measured in step 328 is used.

To illustrate the use of a classifier to diagnose, consider the case in which the classifier comprises the classifier group:

$$\ln[p/(1-p)] = 0.34 + 0.24X_1 + 0.74X_3 + 0.03,$$
$$\ln[p/(1-p)] = 0.54 - 0.4X_2 + 83X_3 + 0.01$$

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That is, the exemplary classifier group consisting of two classifiers. To poll the classifier, the data (e.g. abundance level, activity level, etc.) for molecular markers X<sub>1</sub>, X<sub>2</sub> and X<sub>3</sub> is measured using any of the techniques described in Section 5.3 or 5.4. Then, these data measurement values are placed into the classifier equations and the equations are processed and the output is used to predict outcome In one embodiment, classifier equation values that approach a value of one indicate that the sample has the trait associated with the classifier whereas classifier equation values that approach zero indicate that the sample does not have the trait associated with the classifier. In other embodiments, the equations are regressed so that the opposite relationship hold (e.g., equation values approach one indicate absence of an associated trait). In one embodiment, each equation is assigned a "+1" vote if the equation approaches one or a "-1" vote if the equation approaches zero. Equation votes are summed. If the net summation is positive. then the subject is deemed to have the trait associated with the classifier. If the net summation is negative, then the subject is deemed not to have the trait associated with the classifier. In some embodiments, step 330 is performed by model polling and reporting module 66.

Step 332.

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One of the advantages of the present invention is that a single sample collected in accordance with Section 5.2 can be used to test the patient for one or more of a plurality of molecular markers which may be useful for one or more traits. Accordingly, in step 332, a determination is made as to whether the patient has been tested for each pair of traits for which a determination is required. If additional determinations are required (332-No), process control is returned to step 330 and the measured molecular marker data from the patient is used to help determine the likelihood as to whether a subject has other traits represented by a trait subgroup in training population 44.

Step 334.

When the patient sample has been used to determine if the subject has any of a plurality of different traits as determined by one or more classifiers or classifier groups, a report is generated. In some embodiments, this report includes the results of each classification test. In other words, the report provides an indication as to whether it is likely the tested subject has any one of a plurality of different traits. In some embodiments, step 334 is performed by classifier polling and reporting module 66. Section 5.5 provides a summary of some of the applications for classifiers constructed using the methods of the present invention.

#### 5.2 SOURCE OF MOLECULAR MARKER DATA

The present invention provides methods for identifying molecular markers by obtaining molecular marker data which represents the products of molecular markers found in a blood sample. Molecular markers are thus identified that correlate with, are associated with, or indicate a trait. The present invention also provides methods for detecting, diagnosing, monitoring, prognosing or predicting a trait or reoccurrence of a trait based upon data corresponding to the expression of molecular markers in a blood sample. As used herein, the terms "subject" and "patient" and "individual" are used interchangeably to refer to an animal (e.g., a mammal, a fish, an amphibian, a reptile, a bird, and an insect). In a specific embodiment, a subject is a mammal (e.g., a non-human mammal and a human). In another embodiment, a subject is a pet (e.g., a dog, a cat, a guinea pig, a monkey and a bird), a farm animal (e.g., a horse, a cow, a pig, a goat and a chicken) or a laboratory animal (e.g., a mouse and rat). In another embodiment, the subject is a primate (e.g., a chimpanzee and a human). In a preferred embodiment, the subject is a human.

## 5.2.1 SOURCE OF A BLOOD SAMPLE

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A blood sample obtained from any subject may be used in accordance with the methods of the invention. Examples of subjects from which a blood sample can be obtained and utilized in accordance with the methods of the invention include, but are not limited to, asymptomatic subjects, subjects manifesting or exhibiting 1, 2, 3, 4 or more traits or symptoms of a trait, subjects clinically diagnosed as having a trait, subjects predisposed to a trait (e.g., subjects with a family history of a trait, subjects with a genetic predisposition to a trait, and subjects that lead a lifestyle that predisposes them to a trait or increases the likelihood of contracting a trait), subjects suspected of having a trait, subjects undergoing therapy for a trait, subjects non-responsive to a therapy, subjects responsive to a therapy, subjects with more than one trait (e.g., subjects with 2, 3, 4, 5 or more traits), subjects not undergoing therapy for a trait, subjects determined by a medical practitioner (e.g., a physician) to be healthy or disease-free, subjects that are in remission, subjects cured of trait, and subjects that have not been diagnosed with a condition. In specific embodiment, the condition is a disease. In another specific embodiment, a condition is any state that is codified in the International Classification of Diseases, 9th Revision. Department of Health and Human Services (ICD-9 codes) and/or SNOMED Clinical Terms (SNOMED CT®) which is hereby incorporated by reference, or equivalent treatise.

Non-limiting examples of disease include, but are not limited to, blood disorder, blood lipid disease, autoimmune disease, arthritis (e.g., osteoarthritis, rheumatoid arthritis, juvenile rheumatoid arthritis and the like), bone or joint disorder, lupus, an allergy, a cardiovascular disorder (e.g., heart failure, congenital heart disease, rheumatic fever, valvular heart disease, corpulmonale, cardiomyopathy, myocarditis, pericardial disease, vascular diseases such as atherosclerosis, acute myocardial infarction, ischemic heart disease and the like), obesity, respiratory disease (e.g., asthma, pneumonitis, pneumonia, pulmonary infections, lung disease, bronchiectasis, tuberculosis, cystic fibrosis, interstitial lung disease, chronic bronchitis emphysema, pulmonary hypertension, pulmonary thromboembolism, acute respiratory distress syndrome and the like), hyperlipidemias, endocrine disorder, immune disorder, infectious disease, muscle wasting and whole body wasting disorder, neurological disorder (e.g., migraines, seizures, epilepsy, cerebrovascular disease, Parkinson's, ataxic disorders, motor neuron diseases, cranial nerve disorders, spinal cord disorders, meningitis and the like), neurodegenerative disease (e.g., alzheimers, dementia and the like), neuropsychiatric disease (e.g., schizophrenia, anxiety and the like), mood disorders (e.g., bipolar disorder; manic depression and the like), skin disorder,

kidney disease, scleroderma, stroke, hereditary hemorrhage telangiectasia, diabetes, disorders associated with diabetes (e.g., PVD), hypertension, Gaucher's disease, cystic fibrosis, sickle cell anemia, liver disease, stomach disease, pancreatic disease, eye disease, ear disease, nose disease, throat disease, diseases affecting the reproductive organs,

5 gastrointestinal diseases (including diseases of the colon, diseases of the spleen, appendix, gall bladder, and others) and the like. For further discussion of human diseases, see Mendelian Inheritance in Man: A Catalog of Human Genes and Genetic Disorders by Victor A. McKusick (12th Edition, 3 volume set, June 1998, Johns Hopkins University Press, ISBN: 0801857422) and Harrison's Principles of Internal Medicine by Braunwald,

10 Fauci, Kasper, Hauser, Longo, & Jameson (15th Edition 2001), the entirety of each of which is incorporated herein. Additional examples of disease are disclosed in Section 5.8, below.

In one embodiment of the invention, the disease is an immune disorder. such as those associated with overexpression of a gene or expression of a mutant gene (e.g., autoimmune diseases, such as diabetes mellitus, arthritis (including rheumatoid arthritis, juvenile rheumatoid arthritis, osteoarthritis, and psoriatic arthritis), multiple sclerosis, encephalomyelitis, myasthenia gravis, systemic lupus erythematosis, automimmune thyroiditis, dermatitis (including atopic dermatitis and eczematous dermatitis), psoriasis, Sjogren's Syndrome, Crohn's disease, aphthous ulcer, iritis, conjunctivitis, keratoconjunctivitis, ulcerative colitis, asthma, allergic asthma, cutaneous lupus erythematosus, scleroderma, vaginitis, proctitis, drug eruptions, leprosy reversal reactions, erythema nodosum leprosum, autoimmune uveitis, allergic encephalomyelitis, acute necrotizing hemorrhagic encephalopathy, idiopathic bilateral progressive sensorineural hearing, loss, aplastic anemia, pure red cell anemia, idiopathic thrombocytopenia, polychondritis, Wegener's granulomatosis, chronic active hepatitis, Stevens-Johnson syndrome, idiopathic sprue, lichen planus, Graves' disease, sarcoidosis, primary biliary cirrhosis, uveitis posterior, and interstitial lung fibrosis), graft-versus-host disease, cases of transplantation, and allergy.

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In another embodiment, a disease of the invention is a cellular proliferative and/or differentiative disorder that includes, but is not limited to, cancer, e.g., carcinoma, sarcoma or other metastatic disorders and the like. As used herein, the term "cancer" refers to cells having the capacity for autonomous growth, i.e., an abnormal state of condition characterized by rapidly proliferating cell growth. "Cancer" is meant to include all types of cancerous growths, pre-cancerous growths or lesions, oncogenic processes, metastatic

tissues or malignantly transformed cells, tissues, or organs, irrespective of histopathologic type or stage of invasiveness. Examples of cancers include, but are not limited to, solid tumors, tissue specific tumors, benign cancer, metastatic cancers, early stage cancer, late stage cancer and leukemias, including: apudoma, choristoma, branchioma, malignant carcinoid syndrome, carcinoid heart disease, carcinoma (e.g., Walker, basal cell, basosquamous, Brown-Pearce, ductal, Ehrlich tumour, in situ, Krebs 2, Merkel cell, mucinous, non-small cell lung, oat cell, papillary, scirrhous, bronchiolar, bronchogenic, squamous cell, and transitional cell), histiocytic disorders, leukaemia (e.g., B cell, mixed cell, null cell, T cell, T-cell chronic, HTLV-II-associated, lymphocytic acute, lymphocytic chronic, mast cell, and myeloid), histiocytosis malignant, Hodgkin disease, immunoproliferative small, non-Hodgkin lymphoma, plasmacytoma, reticuloendotheliosis, melanoma, chondroblastoma, chondroma, chondrosarcoma, fibrosarcoma, giant cell tumors, histiocytoma, lipoma, liposarcoma, mesothelioma, myxoma, myxosarcoma, osteoma, osteosarcoma, Ewing sarcoma, synovioma, adenofibroma, adenolymphoma, carcinosarcoma, chordoma, craniopharyngioma, dysgerminoma, hamartoma, mesenchymoma, mesonephroma, myosarcoma, ameloblastoma, cementoma, odontoma, teratoma, thymoma, trophoblastic tumour, adeno-carcinoma, adenoma, cholangioma, cholesteatoma, cylindroma, cystadenocarcinoma, cystadenoma, granulosa cell tumour, gynandroblastoma, hepatoma, hidradenoma, islet cell tumour, Leydig cell tumour, papilloma, Sertoli cell tumour, theca cell tumour, leiomyoma, leiomyosarcoma, myoblastoma, mymoma, myosarcoma, rhabdomyoma, rhabdomyosarcoma, ependymoma, ganglioneuroma, glioma, medulloblastoma, meningioma, neurilemmoma, neuroblastoma, neuroepithelioma, neurofibroma, neuroma, paraganglioma, paraganglioma nonchromaffin, angiokeratoma, angiolymphoid hyperplasia with eosinophilia, angioma sclerosing, angiomatosis, glomangioma, hemangioendothelioma, hemangioma, hemangiopericytoma, hemangiosarcoma, lymphangioma, lymphangiomyoma, lymphangiosarcoma, pinealoma, carcinosarcoma, chondrosarcoma, cystosarcoma, phyllodes, fibrosarcoma, hemangiosarcoma, leimyosarcoma, leukosarcoma, liposarcoma, lymphangiosarcoma, myosarcoma, myxosarcoma, ovarian carcinoma, rhabdomyosarcoma, sarcoma (e.g., Ewing, experimental, Kaposi, and mast cell), neoplasms (e.g., bone, breast, digestive system, colorectal, liver, pancreatic, pituitary, testicular, orbital, head and neck, central nervous system, acoustic, pelvic respiratory tract, and urogenital), neurofibromatosis, and cervical dysplasia, and other conditions in which cells have become immortalized or transformed.

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#### 5.2.2 METHODS FOR COLLECTING BLOOD

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In one aspect, a sample of blood is obtained from a subject according to methods well known in the art. The present invention can use whole blood, but can also use blood in which the serum or plasma has been removed and the RNA or mRNA isolated from the remaining sample in accordance with methods known in the art (for example, using preferably gentle centrifugation at 300-800xg for five to ten minutes).

In some embodiments a drop of blood is collected from a simple pin prick made in the skin of a subject. In such embodiments, this drop of blood collected from a pin prick is all that is needed. A drop of blood can include volumes of anywhere from 10ul through to 100ul. Blood may be drawn from a subject from any part of the body (e.g., a finger, a hand, a wrist, an arm, a leg, a foot, an ankle, a stomach, and a neck) using techniques known to one of skill in the art, in particular methods of phlebotomy known in the art. In a specific embodiment, venous blood is obtained from a subject and utilized in accordance with the methods of the invention. In another embodiment, arterial blood is obtained and utilized in accordance with the methods of the invention. The composition of venous blood varies according to the metabolic needs of the area of the body it is servicing. In contrast, the composition of arterial blood is consistent throughout the body. For routine blood tests, venous blood is generally used.

Venous blood can be obtained from any source including the basilic vein, cephalic vein, or median vein. Arterial blood can be obtained from the radial artery, brachial artery or femoral artery. A vacuum tube, a syringe or a butterfly may be used to draw the blood. Typically, the puncture site is cleaned, a tourniquet is applied approximately 3-4 inches above the puncture site, a needle is inserted at about a 15-45 degree angle, and if using a vacuum tube, the tube is pushed into the needle holder as soon as the needle penetrates the wall of the vein. When finished collecting the blood, the needle is removed and pressure is maintained on the puncture site. Usually, heparin or another type of anticoagulant is in the tube or vial that the blood is collected in so that the blood does not clot. When collecting arterial blood, anesthetics can be administered prior to collection.

The amount of blood collected will vary depending upon the site of collection, the amount required for a method of the invention, and the comfort of the subject. However, an advantage of one embodiment of the present invention is that the amount of blood required to implement the methods of the present invention can be so small that more invasive procedures are not required to obtain the sample. For example, in some embodiments, all that is required is a drop of blood. This drop of blood can be obtained,

for example, from a simple pinprick. In some embodiments, any amount of blood is collected that is sufficient to measure molecular marker data. As such, in some embodiments, the amount of blood that is collected is 1 μl or less, 0.5 μl or less, 0.1 μl or less, or 0.01 μl or less. However, the present invention is not limited to such embodiments. In some embodiments more blood is available and in some embodiments, more blood can be used to effect the methods of the present invention. As such, a broad range of blood volumes is contemplated and can be used to obtain the molecular marker data measurement data used in the present invention. In various specific embodiments, 0.001 ml, 0.005 ml, 0.01 ml, 0.05 ml, 0.1 ml, 0.15 ml, 0.2 ml, 0.25 ml, 0.5 ml, 0.75 ml, 1 ml, 1.5 ml, 2 ml, 3 ml, 4 ml, 5 ml, 10 ml, 15 ml or more of blood is collected from a subject. In other specific embodiments, 0.001 ml to 15ml, 0.01 ml to 10 ml, 0.1 ml to 5 ml, 1 to 5 ml of blood is collected from a subject.

In some embodiments of the present invention, blood is stored within a K3/EDTA tube. In another embodiment, one can utilize tubes for storing blood which contain stabilizing agents such as disclosed in United States patent No. 6,617,170. In another embodiment, the PAXgene™ blood RNA system provided by PreAnalytiX, a Qiagen/BD company, can be used to collect blood. In yet another embodiment, the Tempus™ blood RNA collection tubes, offered by Applied Biosystems, can be used. Tempus™ collection tubes provide a closed evacuated plastic tube containing RNA stabilizing reagent for whole blood collection.

The collected blood is optionally but preferably stored at refrigerated temperatures, such as 4 °C, prior to molecular marker data measurement. In some embodiments, a portion of the blood sample is used for molecular measurement at a first instance of time whereas one or more remaining portions of the blood sample is stored for a period of time for later use. This period of time can be an hour or more, a day or more, a week or more, a month or more, a year or more, or indefinitely. For long term storage, storage methods well known in the art, such as storage at cryo temperatures (e.g. below -60 °C) can be used. In some embodiments, in addition to storage of the blood (or instead of storage of the blood), isolated molecular markers (e.g., nucleic acid, protein, carbohydrates, lipids, metabolites, etc.) are stored for a period of time for later use. Storage of such molecular markers can be for an hour or more, a day or more, a week or more, a month or more, a year or more, or indefinitely.

#### 5.2.3 METHOD OF ISOLATING BLOOD CELLS

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In some embodiments of the present invention, whole blood is used directly to isolate and analyze the products of one or more molecular markers so as to obtain molecular marker data. In other embodiments of the invention fractionated blood can be used. By fractionated blood is meant blood in which the blood cells are separated prior to isolation of the molecular markers using techniques known in the art. For example, fractionated blood includes blood wherein the blood cells are fractionated using Ficoll-Hypaque (Pharmacia) gradient centrifugation. Such centrifugation separates erythrocytes (red blood cells) from various types of nucleated cells and from plasma. As such, in some embodiments of the present invention, a blood sample of the invention is fractionated blood. In one embodiment, peripheral blood leukocytes are utilized ("PBLs"). PBLs are separated from the remainder of the blood using a Ficoll® gradient.

By way of example but not limitation, macrophages can be obtained as follows. Mononuclear cells are isolated from peripheral blood of a subject, by syringe removal of blood followed by Ficoll-Hypaque gradient centrifugation. Tissue culture dishes are pre-coated with the subject's own serum or with AB+ human serum and incubated at 37°C for one hour. Non-adherent cells are removed by pipetting. Cold (4°C) 1mM EDTA in phosphate-buffered saline is added to the adherent cells left in the dish and the dishes are left at room temperature for fifteen minutes. The cells are harvested, washed with RPMI buffer and suspended in RPMI buffer. Increased numbers of macrophages can be obtained by incubating at 37°C with macrophage-colony stimulating factor (M-CSF). Antibodies against macrophage specific surface markers, such as Mac-1, can be labeled by conjugation of an affinity compound to such molecules to facilitate detection and separation of macrophages. Affinity compounds that can be used include but are not limited to biotin, photobiotin, fluorescein isothiocyante (FITC), or phycoerythrin (PE), or other compounds known in the art. Cells retaining labeled antibodies are then separated from cells that do not bind such antibodies by techniques known in the art such as, but not limited to, various cell sorting methods, affinity chromatography, and panning.

Blood cells can be fractionated using a fluorescence activated cell sorter (FACS). Fluorescence activated cell sorting (FACS) is a known method for separating particles,

ncluding cells, based on the fluorescent properties of the particles. See, for example, Kamarch, 1987, Methods Enzymol 151:150 165. Laser excitation of fluorescent moieties in the individual particles results in a small electrical charge allowing electromagnetic separation of positive and negative particles from a mixture. An antibody

or ligand used to detect a blood cell antigenic determinant present on the cell surface of particular blood cells is labeled with a fluorochrome, such as FITC or phycoerythrin. The cells are incubated with the fluorescently labeled antibody or ligand for a time period sufficient to allow the labeled antibody or ligand to bind to cells. The cells are processed through the cell sorter, allowing separation of the cells of interest from other cells. FACS sorted particles can be directly deposited into individual wells of microtiter plates to facilitate separation.

Magnetic beads can be also used to separate blood cells in some embodiments of the present invention. For example, blood cells can be sorted using a magnetic activated cell sorting (MACS) technique, a method for separating particles based on their ability to bind magnetic beads (0.5 100 □m diameter). A variety of useful modifications can be performed on the magnetic microspheres, including covalent addition of an antibody which specifically recognizes a cell solid phase surface molecule or hapten. A magnetic field is then applied, to physically manipulate the selected beads. In a specific embodiment, antibodies to a blood cell surface marker are coupled to magnetic beads. The beads are then mixed with the blood cell culture to allow binding. Cells are then passed through a magnetic field to separate out cells having the blood cell surface markers of interest. These cells can then be isolated.

In some embodiments, the surface of a culture dish may be coated with antibodies, and used to separate blood cells by a method called panning. Separate dishes can be coated with antibody specific to particular blood cells. Cells can be added first to a dish coated with blood cell specific antibodies of interest. After thorough rinsing, the cells left bound to the dish will be cells that express the blood cell markers of interest. Examples of cell surface antigenic determinants or markers include, but are not limited to, CD2 for T lymphocytes and natural killer cells, CD3 for T lymphocytes, CD11a for leukocytes, CD28 for T lymphocytes, CD19 for B lymphocytes, CD20 for B lymphocytes, CD21 for B lymphocytes, CD22 for B lymphocytes, CD24 for B lymphocytes, CD25 for B lymphocytes, CD26 for granulocytes, CD41 for platelets, CD66 for granulocytes, CD67 for granulocytes and CD68 for monocytes and macrophages.

Whole blood can also be fractioned into cells types such as leukocytes, platelets, erythrocytes, etc. Leukocytes can be further separated into granulocytes and agranulocytes using standard techniques. Granulocytes can be separated into cell types such as neutrophils, eosinophils, and basophils using standard techniques. Agranulocytes can be separated into lymphocytes (e.g., T lymphocytes and B lymphocytes) and monocytes using

standard techniques. T lymphocytes can be separated from B lymphocytes and helper T cells separated from cytotoxic T cells using standard techniques. Separated blood cells (e.g., leukocytes) can be frozen by standard techniques prior to use in the present methods.

### 5.2.4 BLOOD SAMPLES USED IN METHODS OF THE INVENTION

In accordance with the methods of the invention, the term "blood sample" can include any of the samples discussed in section 5.2.3. In some embodiments, this includes whole blood, fractionated blood, a sample of subsets of fractionated blood, and a sample of specific types of blood cells. In a specific embodiment, the whole blood sample can have the plasma or serum removed by centrifugation, using preferably gentle centrifugation at 300-800xg for five to ten minutes.

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In another embodiment, a blood sample of the invention is a sample of peripheral blood leukocytes (PBLs). In another embodiment, a blood sample of the invention is a sample of granulocytes. In another embodiment, a blood sample of the invention is a sample of neutrophils, eosinophils, basophils or any combination thereof. In another embodiment, a blood sample of the invention is a sample of agranulocytes. In another embodiment, a blood sample of the invention is a sample of lymphocytes, monocytes or a combination thereof. In yet another embodiment, a blood sample of the invention is a sample of T lymphocytes, B lymphocytes or a combination thereof. See, e.g., Section 5.4.3 supra for methods of isolating blood cells.

A blood sample that is useful according to the invention is in an amount that is sufficient for the detection of one or more molecular markers according to the invention. In a specific embodiment, a blood sample useful according to the invention is in an amount ranging from 1  $\mu$ l to 100 ml, preferably 10  $\mu$ l to 50 ml, more preferably 10  $\mu$ l to 25 ml and most preferably 10  $\mu$ l to 1 ml.

In one embodiment whole blood, or serum free whole blood is taken and the redblood cells are lysed with lysing buffer. In a specific embodiment, the Lysis Buffer (1L) consists of 0.6g EDTA 1.0g KHCO<sub>2</sub>, and 8.2g NH<sub>4</sub>Cl adjusted to pH 7.4 (using NaOH). Once mixed with lysing buffer, the sample is centrifuged and the cell pellet retained and RNA or mRNA extracted in accordance with methods known in the art ("lysed whole blood") (see, for example, Sambrook, Fritsch & Maniatis, "Molecular Cloning: A Laboratory Manual (1982); "DNA Cloning: A Practical Approach," Volumes I and II (D.N. Glover ed. 1985). The use of whole blood or lysed whole blood is preferred since it avoids the costly and time-consuming need to separate out the cell types within the blood (Liew et al. U.S. Patent Application No.US 2004/0014059). In another

embodiment, whole blood is stored and stabilized using PAXgene® tubes and RNA can be isolated using the PAXgene® RNA Isolation system. In yet another embodiment, RNA is isolated from whole blood which has been isolated using PAXgene® and additional globin reduction protocols followed.

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## 5.3 METHODS FOR MEASURING MOLECULAR MARKER DATA

The techniques described in this section are particularly useful for obtaining molecular marker data for step 202 wherein the data is reflective of the products of the molecular marker -e.g. measurement of the abundance of RNA or protein products in blood corresponding to all of the molecular markers of the genome or "a portion thereof". In particular, the techniques useful for step 202 are those techniques which allow the ability to comprehensively screen for candidate molecular markers quickly and effectively. These techniques preferably provide molecular marker data for a large number of molecular markers concurrently, thereby allowing greater ability to screen molecular markers corresponding to the entire genome, or a portion thereof in a short period of time. In addition to the techniques described in this Section 5.3, any technique known to one of skill in the art to measure the abundance of RNA or protein corresponding to the entire genome or "a portion thereof" can be used to measure such data. In one embodiment, "a portion thereof' is data corresponding to the amount of RNA or protein expressed from more than 1,000, more than 2,000, more than 5,000, more than 10,000, more than 20,000, more than 30,000 molecular markers. In another embodiment, the "a portion thereof" refers to at least 50%, at least 55%, at least 65%, at least 70%, at least 75%, at least 80%, at least 85%, at least 90%, or at leat 95% of the genome. See, e.g., Sambrook, Fritsch & Maniatis, 1982, Molecular Cloning: A Laboratory Manual; DNA Cloning: A Practical Approach, volumes I and II (D.N. Glover ed. 1985); Oligonucleotide Synthesis Gait ed., 1984; Nucleic Acid Hybridization, Hames & Higgins eds., 1985; Transcription and Translation, Hames & Higgins eds., 1984, Animal Cell Culture, Freshney ed., 1986, Immobilized Cells And Enzymes, IRL Press, 1986, Perbal, 1984, A Practical Guide To Molecular Cloning, each of which is hereby incorporated by reference in its entirety. In one embodiment more than technique can be used to measure data for each molecular marker to perform step 202.

#### 5.3.1 RNA MEASUREMENT TECHNIQUES

Any technique known to one of skill in the art may be used to measure the level of expression of a molecular marker by measuring the amount of the product of the molecular

marker. In one embodiment the RNA in blood corresponding to the molecular marker is measured. By "corresponding to a molecular marker" is meant RNA transcribed from a molecular marker (or proteins translated from RNA which is transcribed from a molecular marker when referring to protein products of a molecular marker). RNA or protein which corresponds to a molecular marker are also considered the product of the molecular marker. In a specific embodiment, the level of an RNA product is measured using a echnique which permits generation of data for a large number of molecular markers. However measured, the result is either the absolute or relative amounts of abundance of nucleic acids corresponding to the molecular markers, including but not limited to values representing abundances or abundance ratios.

#### **5.3.1.1 MICROARRAYS**

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n one embodiment, nucleic acid arrays are employed for analyzing the level of RNA product of each molecular marker of the genome in a blood sample. In a specific embodiment, molecular marker data is obtained by hybridizing detectably labeled polynucleotides representing the nucleic acid sequences in mRNA transcripts present in a cell (e.g., fluorescently labeled cDNA synthesized from total cell mRNA) to a microarray. In some embodiments expressed transcripts that may or may not represent genes expressed in the blood sample are analyzed.

In some embodiments, a microarray is an array of positionally-addressable binding (e.g., hybridization) sites on a support for representing many of the nucleic acid sequences in the genome of a cell or organism. Is some embodiments, a microarray represents most or almost all of the genes in a species. In some embodiments, each microarray binding site consists of polynucleotide probes bound to a predetermined region on the support.

Microarrays are described in Draghici, Data Analysis Tools For DNA Microarrays, 2003, Chapman & Hall, CRC Press, New York, pp. 15-16, which is hereby incorporated by reference in its entirety.

Microarrays can be made in a number of ways. See, for example, Draghici, *Data Analysis Tools For DNA Microarrays*, 2003, Chapman & Hall, CRC Press, New York, pp. 16-22, which is hereby incorporated by reference in its entirety. Preferably microarrays are reproducible, allowing multiple copies of a given array to be produced and results from the microarrays compared with each other. Preferably, the microarrays are made from materials that are stable under binding (*e.g.*, nucleic acid hybridization) conditions.

Microarrays are preferably small, *e.g.*, between 1 cm<sup>2</sup> and 25 cm<sup>2</sup>, preferably 1 to 3 cm<sup>2</sup>. However, both larger and smaller arrays are also contemplated and may be preferable, *e.g.*,

for simultaneously evaluating a very large number or very small number of different probes.

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In some embodiments, a given binding site or unique set of binding sites in the microarray will specifically bind (e.g., hybridize) to a nucleotide sequence in a single gene from a cell or organism (e.g., to exon of a specific mRNA or a specific cDNA derived therefrom).

Microarrays used in the present invention can include one or more test probes. In some embodiments each such test probe comprises a polynucleotide sequence that is complementary to a subsequence of RNA or DNA to be detected. Each probe typically has a different nucleic acid sequence, and the position of each probe on the solid surface of the array is usually known or can be determined. Microarrays useful in accordance with the invention can include oligonucleotide microarrays, cDNA based arrays, SNP arrays, spliced variant arrays and any other array able to provide a quantitative or semi quantitative data of the invention. Some types of microarrays are addressable arrays. More specifically, some microarrays are positionally addressable arrays. In some embodiments, each probe of the array is located at a known, predetermined position on the solid support so that the identity (e.g., the sequence) of each probe can be determined from its position on the array (e.g., on the support or surface). In some embodiments, the arrays are ordered arrays.

In some embodiments, the density of probes on a microarray or a set of microarrays is 100 different (e.g., non-identical) probes per 1 cm<sup>2</sup> or higher. More preferably, a microarray used in the methods of the invention will have at least 550 probes per 1 cm<sup>2</sup>, at least 1,000 probes per 1 cm<sup>2</sup>, at least 1,500 probes per 1 cm<sup>2</sup> or at least 2,000 probes per 1 cm<sup>2</sup>. In a particularly preferred embodiment, the microarray is a high density array, preferably having a density of at least 2,500 different probes per 1 cm<sup>2</sup>. The microarrays used in the invention therefore preferably contain at least 2,500, at least 5,000, at least 10,000, at least 15,000, at least 20,000, at least 25,000 or at least 55,000 different (i.e., non-identical) probes.

In one embodiment, the microarray is an array (e.g., a matrix) in which each position represents a discrete binding site for a nucleotide sequence of a transcript encoded by a gene (e.g., for an exon of an mRNA or a cDNA derived therefrom). The collection of binding sites on a microarray contains sets of binding sites for a plurality of genes and thus can be used, in some embodiments to measure molecular marker data. For example, in various embodiments, the microarrays of the invention can comprise binding sites for

products encoded by fewer than 50% of the genes in the genome of an organism. Alternatively, the microarrays of the invention can have binding sites for the products encoded by at least 50%, at least 75%, at least 85%, at least 90%, at least 95%, at least 99% or 100% of the molecular markersof an organism. In other embodiments, the microarrays of the invention can having binding sites for products encoded by fewer than 50%, by at least 50%, by at least 75%, by at least 85%, by at least 90%, by at least 95%, by at least 99% or by 100% of the genes expressed by a cell of an organism. The binding site can be a DNA or DNA analog to which a particular RNA can specifically hybridize. The DNA or DNA analog can be, e.g., a synthetic oligomer or a gene fragment, e.g. corresponding to an exon.

In some embodiments of the present invention, an expressed transcript is represented in the nucleic acid arrays. In such embodiments, a set of binding sites can include probes with different polynucleotides that are complementary to different sequence segments of the expressed transcript. Exemplary polynucleotides that fall within this class can be of length of 15 to 200 bases, 20 to 100 bases, 40-60 bases or some other range of bases. Each probe sequence can also comprise linker sequences in addition to the sequence that is complementary to its target sequence. As used herein, a linker sequence is a sequence between the sequence that is complementary to its target sequence and the surface of support. For example, in some embodiments, the nucleic acid arrays of the invention comprise one probe specific to each target gene or exon. However, if desired, the nucleic acid arrays can contain at least 2, 5, 10, 100, or 1000 or more probes specific to some expressed transcript. For example, the array may contain probes tiled across the sequence of the longest mRNA isoform of a gene at single base steps.

In specific embodiments of the invention, when an exon has alternative spliced variants, a set of polynucleotide probes of successive overlapping sequences, i.e., tiled sequences, across the genomic region containing the longest variant of an exon can be included in the exon nucleic acid arrays. The set of polynucleotide probes can comprise successive overlapping sequences at steps of a predetermined base intervals, e.g. at steps of 1, 5, or 10 base intervals, span, or are tiled across, the mRNA containing the longest variant. Such sets of probes therefore can be used to scan the genomic region containing all variants of an exon to determine the expressed variant or variants of the exon to determine the expressed variant or variants of the exon to determine the expressed variant or variants of the exon. Alternatively or additionally, a set of polynucleotide probes comprising exon specific probes and/or variant junction probes can be included in the exon profiling array. As used herein, a variant junction probe refers

to a probe specific to the junction region of the particular exon variant and the neighboring exon. In some cases, the probe set contains variant junction probes specifically hybridizable to each of all different splice junction sequences of the exon. In other cases, the probe set contains exon specific probes specifically hybridizable to the common sequences in all different variants of the exon, and/or variant junction probes specifically hybridizable to the different splice junction sequences of the exon.

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In some cases, an exon is represented in the exon nucleic acid arrays by a probe comprising a polynucleotide that is complementary to the full length exon. In such instances, an exon is represented by a single binding site on the profiling arrays. In some preferred cases, an exon is represented by one or more binding sites on the profiling arrays, each of the binding sites comprising a probe with a polynucleotide sequence that is complementary to an RNA fragment that is a substantial portion of the target exon. The lengths of such probes are normally between 15-600 bases, preferably between 20-200 bases, more preferably between 30-100 bases, and most preferably between 40-80 bases. The average length of an exon is 200 bases (see, e.g., Lewin, Genes V, Oxford University Press, Oxford, 1994). A probe of length of 40-80 allows more specific binding of the exon than a probe of shorter length, thereby increasing the specificity of the probe to the target exon. For certain genes, one or more targeted exons may have sequence lengths less than 40-80 bases. In such cases, if probes with sequences longer than the target exons are to be used, it may be desirable to design probes comprising sequences that include the entire target exon flanked by sequences from the adjacent constitutively splice exon or exons such that the probe sequences are complementary to the corresponding sequence segments in the mRNAs. Using flanking sequence from adjacent constitutively spliced exon or exons rather than the genomic flanking sequences, i.e., intron sequences, permits comparable hybridization stringency with other probes of the same length. Preferably the flanking sequence used are from the adjacent constitutively spliced exon or exons that are not involved in any alternative pathways. More preferably the flanking sequences used do not comprise a significant portion of the sequence of the adjacent exon or exons so that cross-hybridization can be minimized. In some embodiments, when a target exon that is shorter than the desired probe length is involved in alternative splicing, probes comprising flanking sequences in different alternatively spliced mRNAs are designed so that expression level of the exon expressed in different alternatively spliced mRNAs can be measured.

In some instances, when alternative splicing pathways and/or exon duplication in separate genes are to be distinguished, the DNA array or set of arrays can also comprise probes that are complementary to sequences spanning the junction regions of two adjacent exons. Preferably, such probes comprise sequences from the two exons which are not substantially overlapped with probes for each individual exons so that cross hybridization can be minimized. Probes that comprise sequences from more than one exons are useful in distinguishing alternative splicing pathways and/or expression of duplicated exons in separate genes if the exons occurs in one or more alternative spliced mRNAs and/or one or more separated genes that contain the duplicated exons but not in other alternatively spliced mRNAs and/or other genes that contain the duplicated exons. Alternatively, for duplicate exons in separate genes, if the exons from different genes show substantial difference in sequence homology, it is preferable to include probes that are different so that the exons from different genes can be distinguished.

It will be apparent to one skilled in the art that any of the probe schemes, supra, can be combined on the same nucleic acid array and/or on different arrays within the same set of nucleic acid arrays so that a more accurate determination of the expression profile for a plurality of molecular marker products can be accomplished. It will also be apparent to one skilled in the art that the different probe schemes can also be used for different levels of accuracies in profiling. For example, a nucleic acid array or array set comprising a small set of probes for each expressed transcript or each region thereof may be used to identify molecular markers under certain specific conditions. An array or array set comprising larger sets of probes for the exons that are of interest is then used to more accurately determine the specific molecular marker products under such specific conditions. Other DNA array strategies that allow more advantageous use of different probe schemes are also encompassed.

In some embodiments, the microarrays used in the invention can include binding sites (e.g., probes) for sets of exons for one or more genes relevant to the condition of interest. The number of genes in a genome can be estimated from the number of mRNAs expressed by the cell or organism, or by extrapolation of a well characterized portion of the genome. When the genome of the organism of interest has been sequenced, the number of ORFs can be determined and mRNA coding regions identified by analysis of the DNA sequence. For example, the human genome is now known. Genome sequences for other organisms are also completed or nearly completed. Thus, in some embodiments of the invention, an array set comprising the total probes for all known or predicted exons

in the genome of an organism is provided. As a non-limiting example, the present invention provides an array set comprising one or two probes for each known or predicted exon of a molecular marker of the human genome.

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It will be appreciated that when cDNA complementary to the RNA of a cell is made and hybridized to a microarray under suitable hybridization conditions, the level of hybridization to the site in the array corresponding to an exon of any particular molecular marker will reflect the prevalence in the cell of mRNA or mRNAs containing the exon transcribed from that molecular marker. For example, when detectably labeled (e.g., with a fluorophore) cDNA complementary to the total cellular mRNA is hybridized to a microarray, the site on the array corresponding to an exon of a gene (i.e., capable of specifically binding the product or products of the gene expressing) that is not transcribed or is removed during RNA splicing in the cell will have little or no signal (e.g., fluorescent signal), and an exon of a gene for which the encoded mRNA expressing the exon is prevalent will have a relatively strong signal. The relative abundance of different mRNAs produced from the same gene by alternative splicing is then determined by the signal strength pattern across the whole set of exons monitored for the gene.

The use of a two-color fluorescence labeling and detection scheme to define alterations in gene expression has been described in connection with detection of mRNAs, e.g., in Shena et al., 1995, Science 270:467-470, which is incorporated by reference in its entirety for all purposes. In some embodiments, such schemes are used to measure molecular marker data. Such schemes are equally applicable to labeling and detection of expressed transcripts. An advantage of using cDNA labeled with two different fluorophores is that a direct and internally controlled comparison of the mRNA or exon expression levels corresponding to each arrayed gene in two blood samples can be made, and variations due to minor differences in experimental conditions (e.g., hybridization conditions) will not affect subsequent analyses. However, it will be recognized that it is also possible to use cDNA from a single cell, and compare, for example, the absolute amount of a particular exon in, e.g., a drug-treated or pathway-perturbed cell and an untreated cell. Furthermore, labeling with more than two colors is also contemplated in the present invention. In some embodiments of the invention, at least 5, 10, 20, or 100 dyes of different colors can be used for labeling. Such labeling permits simultaneous hybridizing of the distinguishably labeled cDNA populations to the same array, and thus measuring, and optionally comparing the expression levels of, mRNA molecules derived from more than two samples. Dyes that can be used include, but are not limited to.

fluorescein and its derivatives, rhodamine and its derivatives, texas red, 5'carboxy-fluorescein ("FMA"), 2',7'-dimethoxy-4',5'-dichloro-6-carboxy-fluorescein ("JOE"), N,N,N',N'-tetramethyl-6-carboxy-rhodamine ("TAMRA"), 6'carboxy-X-rhodamine ("ROX"), HEX, TET, IRD40, and IRD41, cyamine dyes, including but are not limited to Cy3, Cy3.5 and Cy5; BODIPY dyes including but are not limited to BODIPY-FL, BODIPY-TR, BODIPY-TMR, BODIPY-630/650, and BODIPY-650/670; and ALEXA dyes, including but are not limited to ALEXA-488, ALEXA-532, ALEXA-546, ALEXA-568, and ALEXA-594; as well as other fluorescent dyes which will be known to those who are skilled in the art.

In one embodiment, hybridization levels at different hybridization times are measured separately on different, identical microarrays. For each such measurement, at hybridization time when hybridization level is measured, the microarray is washed briefly, preferably in room temperature in an aqueous solution of high to moderate salt concentration (e.g., 0.5 to 3 M salt concentration) under conditions which retain all bound or hybridized polynucleotides while removing all unbound polynucleotides. The detectable label on the remaining, hybridized polynucleotide molecules on each probe is then measured by a method which is appropriate to the particular labeling method used. The resulted hybridization levels are then combined to form a hybridization curve. In another embodiment, hybridization levels are measured in real time using a single microarray. In this embodiment, the microarray is allowed to hybridize to the sample without interruption and the microarray is interrogated at each hybridization time in a non-invasive manner. In still another embodiment, one can use one array, hybridize for a short time, wash and measure the hybridization level, put back to the same sample, hybridize for another period of time, wash and measure again to get the hybridization time curve.

In a specific embodiment, the Affymetrix® Human Genome U133 (HG-U133) Set, consisting of two GeneChip® arrays, is used in accordance with known methods. The Human Genome U133 (HG-U133) Set contains almost 45,000 probe sets representing more than 39,000 transcripts derived from approximately 33,000 well-substantiated human genes. This set design uses sequences selected from GenBank®, dbEST, and RefSeq. The sequence clusters were created from the UniGene database (Build 133, April 20, 2001). They were then refined by analysis and comparison with a number of other publicly available databases including the Washington University EST trace repository and the University of California, Santa Cruz Golden Path human genome database (April 2001 release).

In another embodiment, the HG-U133A array is used in accordance with the methods of the invention. The HG-U133A array includes representation of the RefSeq database sequences and probe sets related to sequences previously represented on the Human Genome U95Av2 array. The HG-U133B array contains primarily probe sets representing EST clusters. In another embodiment, the U133 Plus 2.0 GeneChip® is used in the invention. The U133 Plus 2.0 GeneChip® represents over 47,000 transcripts.

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In another embodiment, a cDNA based microarray is used. In one embodiment the ChondroChip<sup>TM</sup> is used in accordance with the methods of the invention. The ChondroChip<sup>TM</sup> is a cDNA based microarray. One version of the ChondroChip<sup>TM</sup> includes 14,976 distinct elements: 10,382 known genes (69%), 4,112 EST/genomic DNA matches (28%), 328 clones with no significant match (2.2%), and 154 control spots (1.0%). Most if not all of the elements on the ChondroChip<sup>TM</sup> are complementary to ESTs identified as expressed in human chondrocytes. An article that describes the creation of a version of the ChondroChip<sup>TM</sup> is Zhang *et al.*, 2002, Osteoarthritis and Cartilage 10, 950-960, which is hereby incorporated by reference in its entirety.

In another embodiment, the BloodChip™ is used in accordance with the methods of the invention. The BloodChip is a cDNA microarray slide with 10,368 PCR products derived from peripheral blood cell cDNA libraries. The creation of the BloodChip™ microarray is described in Ma and Liew, 2003, Journal of Molecular and Cellular Cardiology 8, 993-998, which is hereby incorporated by reference in its entirety.

## 5.3.1.2 TARGET POLYNUCLEOTIDE MOLECULES

Target polynucleotides that can be analyzed by the methods and compositions of the invention include RNA molecules such as, but by no means limited to, expressed RNA molecules which includes messenger RNA (mRNA) molecules, mRNA spliced variants as well as other regulatory RNA, cRNA molecules (e.g., RNA molecules prepared from cDNA molecules that are transcribed in vivo) and fragments thereof. Target polynucleotides which may also be analyzed by the methods and compositions of the present invention include, but are not limited to DNA molecules such as genomic DNA molecules, cDNA molecules, and fragments thereof including oligonucleotides, ESTs, STSs, etc

The target polynucleotide molecules may be naturally occurring nucleic acid molecules such as genomic or extragenomic DNA molecules isolated from a blood sample, or RNA molecules, such as mRNA molecules, isolated from a blood sample. The sample of target polynucleotides can comprise, e.g., molecules of DNA, RNA, or copolymers of

DNA and RNA. In specific embodiments, the target polynucleotides of the invention will correspond to particular genes or to particular gene transcripts (e.g., to particular mRNA sequences expressed in specific cell types or to particular cDNA sequences derived from such mRNA sequences). The target polynucleotides may correspond to different exons of the same gene, e.g., so that different splice variants of that gene may be detected and/or analyzed.

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In specific embodiments, the target polynucleotides to be analyzed are prepared in vitro from nucleic acids extracted from a blood sample. For example, in one embodiment, RNA is extracted from a blood sample (e.g., total cellular RNA, poly(A)+ messenger RNA, fraction thereof) and messenger RNA is purified from the total extracted RNA. Methods for preparing total and poly(A)+ RNA are well known in the art, and are described generally, e.g., in Sambrook, Fritsch & Maniatis, "Molecular Cloning: A Laboratory Manual (1982); "DNA Cloning: A Practical Approach," Volumes I and II (D.N. Glover ed. 1985). In one embodiment, RNA is extracted from a blood sample using guanidinium thiocyanate lysis followed by CsCl centrifugation and an oligo dT purification (Chirgwin et al., 1979, Biochemistry 18:5294-5299). In another embodiment, RNA is extracted from a blood sample using guanidinium thiocyanate lysis followed by purification on RNeasy columns (Qiagen). cDNA is then synthesized from the purified mRNA using, e.g., oligo-dT or random primers. In specific embodiments, the target polynucleotides are cRNA prepared from purified messenger RNA extracted from a blood sample. As used herein, cRNA is defined here as RNA complementary to the source RNA. The extracted RNAs can be amplified using a process in which doubled-stranded cDNAs are synthesized from the RNAs using a primer linked to an RNA polymerase promoter in a direction capable of directing transcription of anti-sense RNA. Anti-sense RNAs or cRNAs are then transcribed from the second strand of the double-stranded cDNAs using an RNA polymerase (see, e.g., U.S. Patent Nos. 5,891,636, 5,716,785; 5,545,522 and 6,132,997; see also, U.S. Patent No. 6,271,002, and U.S. Provisional Patent Application Serial No. 60/253,641, filed on November 28, 2000, by Ziman et al.). Both oligo-dT primers (U.S. Patent Nos. 5,545,522 and 6,132,997) or random primers (U.S. Provisional Patent Application Serial No. 60/253,641, filed on November 28, 2000, by Ziman et al.) that contain an RNA polymerase promoter or complement thereof can be used. In some embodiments the target polynucleotides are short and/or fragmented polynucleotide molecules which are representative of the original nucleic acid population of the blood sample.

The target polynucleotides to be analyzed by the methods and compositions of the invention can be detectably labeled. For example, cDNA can be labeled directly, e.g., with nucleotide analogs, or indirectly, e.g., by making a second, labeled cDNA strand using the first strand as a template. Alternatively, the double-stranded cDNA can be transcribed into cRNA and labeled.

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In some embodiments the detectable label is a fluorescent label, e.g., by incorporation of nucleotide analogs. Other labels suitable for use in the present invention include, but are not limited to, biotin, imminobiotin, antigens, cofactors, dinitrophenol, lipoic acid, olefinic compounds, detectable polypeptides, electron rich molecules, enzymes capable of generating a detectable signal by action upon a substrate, and radioactive isotopes. Suitable radioactive isotopes include <sup>32</sup>P, <sup>35</sup>S, <sup>14</sup>C, <sup>15</sup>N and <sup>125</sup>I. Fluorescent molecules suitable for the present invention include, but are not limited to, fluorescein and its derivatives, rhodamine and its derivatives, texas red, 5'carboxy-fluorescein ("FMA"), 2',7'-dimethoxy-4',5'-dichloro-6-carboxy-fluorescein ("JOE"), N,N,N',N'- tetramethyl-6carboxy-rhodamine ("TAMRA"), 6'carboxy-X-rhodamine ("ROX"), HEX, TET, IRD40, and IRD41. Fluroescent molecules that are suitable for the invention further include: cyamine dyes, including by not limited to Cy3, Cy3.5 and Cy5; BODIPY dyes including but not limited to BODIPY-FL, BODIPY-TR, BODIPY-TMR, BODIPY-630/650, and BODIPY-650/670; and ALEXA dyes, including but not limited to ALEXA-488, ALEXA-532, ALEXA-546, ALEXA-568, and ALEXA-594; as well as other fluorescent dyes which will be known to those who are skilled in the art. Electron rich indicator molecules suitable for the present invention include, but are not limited to, ferritin, hemocyanin, and colloidal gold. Alternatively, in less some embodiments the target polynucleotides may be labeled by specifically complexing a first group to the polynucleotide. A second group, covalently linked to an indicator molecules and which has an affinity for the first group, can be used to indirectly detect the target polynucleotide. In such an embodiment, compounds suitable for use as a first group include, but are not limited to, biotin and iminobiotin. Compounds suitable for use as a second group include, but are not limited to, avidin and streptavidin.

In a specific embodiment, the target polynucleotides are prepared as follows:  $2\mu g$  Oligo-dT primers are annealed to  $2\mu g$  of mRNA isolated from a blood sample of a patient in a total volume of  $15\mu l$ , by heating to  $70^{\circ}C$  for 10 min, and cooled on ice. The mRNA is reverse transcribed by incubating the sample at  $42^{\circ}C$  for 1.5-2 hours in a  $100~\mu l$  volume containing a final concentration of 50 mM Tris-HCl (pH 8.3), 75 mM KCl, 3 mM MgCl<sub>2</sub>,

25mM DTT, 25mM unlabeled dNTPs, 400 units of Superscript II (200U/ $\mu$ L, Gibco BRL), and 15mM of Cy3 or Cy5 (Amersham). RNA is then degraded by addition of 15 $\mu$ l of 0.1N NaOH, and incubation at 70 $\Box$ C for 10 min. The reaction mixture is neutralized by addition of 15 $\mu$ l of 0.1N HCl, and the volume is brought to 500 $\mu$ l with TE (10mM Tris, 1mM EDTA), and 20  $\Box$ g of Cot1 human DNA (Gibco-BRL) is added.

The labeled target polynucleotide molecules are purified by centrifugation in a Centricon-30 micro-concentrator (Amicon). If two different target polynucleotide samples (e.g., two samples derived from a healthy patient vs. patient with a disease) are being analyzed and compared by hybridization to the same array, each target nucleic acid sample is labeled with a different fluorescent label (e.g., Cy3 and Cy5) and separately concentrated. The separately concentrated target nucleic acid samples (Cy3 and Cy5 labeled) are combined into a fresh centricon, washed with 500µl TE, and concentrated again to a volume of less than 7µl. 1µL of 10µg/µl polyA RNA (Sigma, #P9403) and 1µl of 10µg/µl tRNA (Gibco-BRL, #15401-011) is added and the volume is adjusted to 9.5µl with distilled water. For final target polynucleotide preparation 2.1µl 20XSSC (1.5M NaCl, 150mM NaCitrate (pH8.0)) and 0.35µl 10%SDS is added.

## 5.3.1.3 HYBRIDIZATION TO MICROARRAYS

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In some embodiments, nucleic acid hybridization and wash conditions are chosen so that the polynucleotide molecules to be analyzed by the invention (e.g., "target polynucleotide molecules) specifically bind or specifically hybridize to the complementary polynucleotide sequences of the array, typically to a specific array site, where its complementary DNA is located.

Arrays containing double-stranded probe DNA situated thereon can be subjected to denaturing conditions to render the DNA single-stranded prior to contacting with the target polynucleotide molecules. Arrays containing single-stranded probe DNA (e.g., synthetic oligodeoxyribonucleic acids) may need to be denatured prior to contacting with the target polynucleotide molecules, e.g., to remove hairpins or dimers which form due to self complementary sequences.

Optimal hybridization conditions will depend on the length (e.g., oligomer versus polynucleotide greater than 200 bases) and type (e.g., RNA, or DNA) of probe and target nucleic acids. General parameters for specific (i.e., stringent) hybridization conditions for nucleic acids are described in Sambrook et al., (supra), and in Ausubel et al., 1987, Current Protocols in Molecular Biology, Greene Publishing and Wiley-Interscience, New York. When the cDNA microarrays of Schena et al. are used, typical hybridization

conditions are hybridization in 5 X SSC plus 0.2% SDS at 65 °C for four hours, followed by washes at 25°C in low stringency wash buffer (1 X SSC plus 0.2% SDS), followed by 10 minutes at 25°C in higher stringency wash buffer (0.1 X SSC plus 0.2% SDS) (Shena et al., 1996, Proc. Natl. Acad. Sci. U.S.A. 93:10614). Useful hybridization conditions are also provided in, e.g., Tijessen, 1993, Hybridization With Nucleic Acid Probes, Elsevier Science Publishers B.V. and Kricka, 1992, Nonisotopic DNA Probe Techniques, Academic Press, San Diego, CA.

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Representative hybridization conditions for use with the screening and/or signaling chips in accordance with some embodiments of the present invention include hybridization at a temperature at or near the mean melting temperature of the probes (e.g., within 5 °C, more typically within 2 °C) in 1 M NaCl, 50 mM MES buffer (pH 6.5), 0.5% sodium Sarcosine and 30% formamide.

In a specific embodiment, a labeled target polynucleotide molecules are denatured by heating for two minutes at 100°C, and incubated at 37°C for 20-30 min before being placed on a nucleic acid array under a 22mm x 22mm glass cover slip. Hybridization is carried out at 65°C for fourteen to eighteen hours in a custom slide chamber with humidity maintained by a small reservoir of 3XSSC. The array is washed by submersion and agitation for between two and five minutes in 2X SSC with 0.1%SDS, followed by 1X SSC, and 0.1X SSC. Finally, the array is dried by centrifugation for 2 min in a slide rack in a Beckman GS-6 tabletop centrifuge in Microplus carriers at 650 RPM for two minutes.

## 5.3.1.4 SIGNAL DETECTION AND DATA ANALYSIS

It will be appreciated that when target sequences, e.g., cDNA or cRNA, complementary to the RNA of a blood sample is made and hybridized to a microarray under suitable hybridization conditions, the level of hybridization to the site in the array corresponding to an exon of any particular gene will reflect the prevalence in the cell of mRNA or mRNAs containing the exon transcribed from that gene. For example, when detectably labeled (e.g., with a fluorophore) cDNA complementary to the total cellular mRNA is hybridized to a microarray, the site on the array corresponding to an exon of a gene (i.e., capable of specifically binding the product or products of the gene expressing) that is not transcribed or is removed during RNA splicing in the cell will have little or no signal (e.g., fluorescent signal), and an exon of a gene for which the encoded mRNA expressing the exon is prevalent will have a relatively strong signal. The relative abundance of different mRNAs produced from the same gene by alternative splicing is

then determined by the signal strength pattern across the whole set of exons monitored for the gene.

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Generally, any form of image processing may be used to digitize the microarrays and thereby obtain high throughput data for molecular markers in the present invention. For example, any of the image processing techniques described or referenced in Draghici, *Data Analysis Tools For DNA Microarrays*, 2003, Chapman & Hall, CRC Press, New York, pp. 33-58, which is hereby incorporated by reference in its entirety, can be used. In some embodiments, two-color fluorescence is used. The use of a two-color fluorescence labeling and detection scheme to define alterations in gene expression has been described in connection with detection of mRNAs, *e.g.*, in Shena *et al.*, 1995, Science 270:467-470, which is hereby incorporated by reference in its entirety for all purposes. The scheme is equally applicable to labeling and detection of exons. An advantage of using target sequences, *e.g.*, cDNAs or cRNAs, labeled with two different fluorophores is that a direct and internally controlled comparison of the mRNA or exon expression levels corresponding to each arrayed gene in two states can be made, and variations due to minor differences in experimental conditions (*e.g.*, hybridization conditions) will not affect subsequent analyses.

In a specific embodiment, the labeled probes are scanned using a GMS Scanner 418 and Scananlzyer software (Michael Eisen, Stamford University), followed by GeneSpring software (Silcon Genetics, CA) analysis. In another embodiment, a GMS Scanner 428 and Jaguar software are used followed by GeneSpring software analysis. In some embodiments a normalization routine, such as any of the normalization routines described in Section 5.7, is used.

## 5.3.2 RT-PCR AND QUANTITATIVE RT-PCR

In one aspect of the invention, the abundance or level of expression of an RNA product of a molecular marker can be measured performing reverse transcription on the RNA from blood and subsequently amplifying the resulting product ("RT-PCR"). In another embodiment, the abundance or level of expression of RNA can be measured from a blood sample by using quantitative RT-PCR or real time PCR ("QRT-PCR") on cDNA copy of RNA. Total RNA, or mRNA from a blood sample can be used as a template and a primer specific to the transcribed portion of a gene of the invention is used to initiate reverse transcription. Methods of reverse transcribing RNA into cDNA are well known and described in, for example, Sambrook et al., 1989, *supra*. Primer design can be accomplished utilizing commercially available software (e.g., Primer Designer 1.0,

academic software, etc.). The product of the reverse transcription is subsequently used as a template for PCR. In one embodiment, a one step process can be used for either the RT-PCR and/or the QRT-PCR(combining the reverse transcription and PCR in a single reaction). In another embodiment, a two step process can be used for either the RT-PCR and/or the QRT-PCR (first doing the reverse transcription step and subsequently performing the PCR). In some embodiments, oligo(dT)-primed first strand cDNA synthesis is performed so as to specifically target the mRNA population (e.g. using the Applied Biosystems High Capacity cDNA Archive Kit (cat # 4322171), on a Perkin-Elmer DNA Thermal Cycler.

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For quantitative RT-PCR, in some embodiments the reportable value is the Ct-value, which is the threshold cycle at which PCR is in the logarithmic phase. For each gene of interest in each RNA sample, a  $\Delta$ Ct value can be calculated by the formula:  $\Delta$ Ct = (Ct, target gene) – (Ct, $\beta$ -actin). The  $\Delta$ Ct values from different groups of RNA samples can then be compared by the Mann-Whitney Rank Sum test.

In some embodiments, Quantitative RT-PCR can be done using probes including Taqman® probes (Perkin Elmer, Foster City, California), The probe is specific for the PCR product and has both a quencher and fluorescent reporter attached to the probe. Different fluorescent markers can be utilized. In some embodiments, multiple probes can be used in the quantitative RT-PCR process to allow for multiplexing reactions (e.g. allow for measurement of two molecular markers in one reaction well or container). When using TaqMan® probes, Taq DNA polymerase is used which has 5'-to-3' exonuclease activity and thus will cleave of the fluorescent reporter of the probe, freeing the fluorescent molecular from the quencher molecule. Thus the emission of fluorescence is is used to measure the amount of PCR product being made. Other probes are also useful for quantitative RT-PCR including Molecular Beacons®.

Other known techniques for quantitative Rt-PCR is to use an intercolating dye such as the commercially available QuantiTect<sup>TM</sup> SYBR® Green PCR (Qiagen, Valencia California).

Additionally, other systems to quantitatively measure mRNA expression products are known including Scorpions® (Zeneca Limited) or Fluorescent Polarization Probes (see e.g. Zeneca Limited, 6,007,984) etc.

## 5.3.3 NUCLEASE PROTECTION ASSAYS

Nuclease protection assays (including both ribonuclease protection assays and S1 nuclease assays) can be used to detect and quantify specific products of molecular

markers. In nuclease protection assays, an antisense probe (labeled with, e.g., radiolabeled or nonisotopic) hybridizes in solution to an RNA sample. Following hybridization, single-stranded, unhybridized probe and RNA are degraded by nucleases. An acrylamide gel is used to separate the remaining protected fragments. Typically, solution hybridization is more efficient than membrane-based hybridization, and it can accommodate up to  $100~\mu g$  of sample RNA, compared with the  $20\text{--}30~\mu g$  maximum of blot hybridizations.

The ribonuclease protection assay, which is the most common type of nuclease protection assay, requires the use of RNA probes. Oligonucleotides and other single-stranded DNA probes can only be used in assays containing S1 nuclease. The single-stranded, antisense probe must typically be completely homologous to target RNA to prevent cleavage of the probe:target hybrid by nuclease.

#### 5.3.4 MASS SPECTROMETRY

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Mass spectrometry (e.g., electrospray ionization "ESI", matrix-assisted laser desorption-ionization "MALDI", and Fourier-transform ion cyclotron resonance "FT-ICR") can be used to measure data (e.g., mass, charge) of molecular markers in blood samples. Such molecular markers that can be characterized by mass spectrometry include but are not limited to, proteins, nucleic acids, carbohydrates, and other biological macromolecules. This section provides brief and non-limiting examples of mass spectrometry techniques that can be used to quantitatively characterize molecular markers.

MALDI uses a pulsed laser for desorption of the ions and a time-of-flight analyzer and has been used for the detection of noncovalent tRNA:amino-acyl-tRNA synthetase complexes. See, for example, Gruic-Sovulj et al., 1997, J. Biol. Chem. 272:32084. ESI mass spectrometry ("ESI-MS") has been used for studying non-covalent molecular interactions. ESI-MS generates molecular ions with little to no fragmentation. See, for example, Xavier et al., 2000, Trends Biotechnol. 18:349. Fourier-transform ion cyclotron resonance ("FT-ICR") mass spectrometry provides high-resolution spectra, isotoperesolved precursor ion selection, and accurate mass assignments. See, for example, Xavier et al., 2000, Trends Biotechnol. 18:349.

Tandem mass spectrometry is described in Link et al., 1999, Nat. Biotechnol. 17, 676-682; Washburn et al. 2001, Nat. Biotechnol. 19, 242; Gaven et al., 2002, Nature 415, 141; and Ho et al., 2002, Nature 418, 180). In the case of proteins from a blood sample, the proteins can first be digested into peptides using an enzyme such as trypsin and then subjected to liquid chromatography tandem mass spectrometry (MS/MS). Liquid chromatography provides an initial separation of the peptides, which are then ionized

directly into a mass spectrometer. Following an initial scan in which the mass/charge ratio of all intact (parent) ions from the peptides are measured, the mass spectrometer selects a parent ion, fragments it and obtains the mass spectrum of the generated fragments. These fragmentation patterns are called tandem mass spectra or MS/MS spectra. This process of ion selection and fragmentation is repeated throughout the liquid chromatography separation, thus generating a set of time resolved MS/MS spectra, with each spectrum representing a species eluting at a particular time from the LC separation. The resolving power of the liquid chromatography step, combined with the high mass resolution of modern mass spectrometers typically assures that each MS/MS spectrum represents the fragmentation pattern of a unique peptide in the digest.

## 5.3.5 COMPARATIVE GENE EXPRESSION PROFILING

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In some embodiments of the present invention quantitative measurement of molecular marker data is performed using comparative gene-expression profiling. An example of such technology is the multiplex microsphere bead assay used by Fuja et al., 2004, Journal of Biotechnology 108, 193,.

#### 5.3.6 TRANSCRIPTION BASED AMPLIFICATION SYSTEMS

In another aspect of the invention, the level of expression of a molecular marker in blood can be measured by amplifying RNA from a blood sample using transcription based amplification systems (TAS), including nucleic acid sequence amplification (NASBA) and 3SR. See, e.g., Kwoh et al., 1989, PNAS USA 86:1173; International Publication No. WO 88/10315; and U.S. Patent No. 6,329,179. In NASBA, the nucleic acids can be prepared for amplification using conventional phenol/chloroform extraction, heat denaturation, treatment with lysis buffer and minispin columns for isolation of DNA and RNA or guanidinium chloride extraction of RNA. These amplification techniques involve annealing a primer that has target specific sequences. Following polymerization, DNA/RNA hybrids are digested with RNase H while double stranded DNA molecules are heat denatured again. In either case, the single stranded DNA is made fully double stranded by addition of second target specific primer, followed by polymerization. The double-stranded DNA molecules are then multiply transcribed by a polymerase such as T7 or SP6. In an isothermal cyclic reaction, the RNA's are reverse transcribed into double stranded DNA, and transcribed once with a polymerase such as T7 or SP6. The resulting products, whether truncated or complete, indicate target specific sequences.

# 5.3.7 ADDITIONAL TECHNIQUES FOR DETECTING AND QUANTIFYING RNA

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Many other techniques are known to one of skill for detecting and measuring RNA and can be used in accordance with the methods of the invention. Non-limiting examples of such techniques include Northern blotting, nuclease protection assays, RNA fingerprinting, polymerase chain reaction, ligase chain reaction, Qbeta replicase, isothermal amplification method, strand displacement amplification, transcription based amplification systems, nuclease protection (SI nuclease or RNAse protection assays) as well as methods disclosed in International Publication Nos. WO 88/10315 and WO 89/06700, and International Applications Nos. PCT/US87/00880 and PCT/US89/01025.

A standard Northern blot assay can be used to ascertain an RNA transcript size, identify alternatively spliced RNA transcripts, and the relative amounts of mRNA in a blood sample, in accordance with conventional Northern hybridization techniques known to those persons of ordinary skill in the art. In Northern blots, RNA samples are first separated by size via electrophoresis in an agarose gel under denaturing conditions. The RNA is then transferred to a membrane, crosslinked and hybridized with a labeled probe. Nonisotopic or high specific activity radiolabeled probes can be used including randomprimed, nick-translated, or PCR-generated DNA probes, in vitro transcribed RNA probes, and oligonucleotides. Additionally, sequences with only partial homology (e.g., cDNA from a different species or genomic DNA fragments that might contain an exon) may be used as probes. The labeled probe, e.g., a radiolabelled cDNA, either containing the fulllength, single stranded DNA or a fragment of that DNA sequence may be at least 20, at least 30, at least 50, or at least 100 consecutive nucleotides in length. The probe can be labeled by any of the many different methods known to those skilled in this art. The labels most commonly employed for these studies are radioactive elements, enzymes, chemicals that fluoresce when exposed to ultraviolet light, and others. A number of fluorescent materials are known and can be utilized as labels. These include, but are not limited to, fluorescein, rhodamine, auramine, Texas Red, AMCA blue and Lucifer Yellow. A articular detecting material is anti-rabbit antibody prepared in goats and conjugated with fluorescein through an isothiocyanate. Proteins can also be labeled with a radioactive element or with an enzyme. The radioactive label can be detected by any of the currently available counting procedures. Non-limiting examples of isotopes include 3H, 14C, 32P, 35S, 36Cl, 51Cr, 57Co, 58Co, 59Fe, 90Y, 125I, 131I, and 186Re. Enzyme labels are

likewise useful, and can be detected by any of the presently utilized colorimetric, pectrophotometric, fluorospectrophotometric, amperometric or gasometric techniques. The enzyme is conjugated to the selected particle by reaction with bridging molecules such as carbodiimides, diisocyanates, glutaraldehyde and the like. Any enzymes known to one of skill in the art can be utilized. Examples of such enzymes include, but are not limited to, peroxidase, beta-D-galactosidase, urease, glucose oxidase plus peroxidase and alkaline phosphatase. U.S. Patent Nos. 3,654,090, 3,850,752, and 4,016,043 are referred to by way of example for their disclosure of alternate labeling material and methods.

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Nuclease protection assays (including both ribonuclease protection assays and S1 nuclease assays) can be used to detect and quantitate specific mRNAs. In nuclease protection assays, an antisense probe (labeled with, e.g., radiolabeled or nonisotopic) hybridizes in solution to an RNA sample. Following hybridization, single-stranded, unhybridized probe and RNA are degraded by nucleases. An acrylamide gel is used to separate the remaining protected fragments. Typically, solution hybridization is more efficient than membrane-based hybridization, and it can accommodate up to  $100~\mu g$  of sample RNA, compared with the  $20\text{-}30~\mu g$  maximum of blot hybridizations.

The ribonuclease protection assay, which is the most common type of nuclease protection assay, requires the use of RNA probes. Oligonucleotides and other single-stranded DNA probes can only be used in assays containing S1 nuclease. The single-stranded, antisense probe must typically be completely homologous to target RNA to prevent cleavage of the probe:target hybrid by nuclease.

Additional techniques to quantitatively measure RNA expression include, but are not limited to, ligase chain reaction, Qbeta replicase (see, e.g., International Application No. PCT/US87/00880), isothermal amplification method (see, e.g., Walker et al.,1992, PNAS 89:382-396), strand displacement amplification (SDA), repair chain reaction, Asymmetric Quantitative PCR (see, e.g., U.S. Publication No. US200330134307A1) and the multiplex microsphere bead assay described in Fuja et al., 2004, Journal of Biotechnology 108:193-205.

#### 5.3.7.1 SEPARATION OF AMPLIFICATION PRODUCTS

Some of the quantitative measurement techniques described above may require separation of amplification products. Several techniques can be used to separate such amplification products. For example, amplification products can be separated by agarose, agarose-acrylamide or polyacrylamide gel electrophoresis using conventional methods. Several techniques for detecting PCR products quantitatively without electrophoresis can

also be used according to the invention. See, for example, *CR Protocols, A Guide to Methods and Applications*, Innis *et al.*, Academic Press, Inc. N.Y., 1990). For example, chromatographic techniques can be employed to effect separation. There are many kinds of chromatography that can be used in the present invention: adsorption, partition, ion-exchange and molecular sieve, HPLC, and many specialized techniques for using them including column, paper, thin-layer and gas chromatography (Freifelder, Physical Biochemistry Applications to Biochemistry and Molecular Biology, 2nd ed., Wm. Freeman and Co., New York, N.Y., 1982).

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Another example of a separation methodology is done by covalently labeling the oligonucleotide primers used in a PCR reaction with various types of small molecule ligands. In one such separation, a different ligand is present on each oligonucleotide. A molecule, perhaps an antibody or avidin if the ligand is biotin, that specifically binds to one of the ligands is used to coat the surface of a plate such as a 96 well ELISA plate. Upon application of the PCR reactions to the surface of such a prepared plate, the PCR products are bound with specificity to the surface. After washing the plate to remove unbound reagents, a solution containing a second molecule that binds to the first ligand is added. This second molecule is linked to some kind of reporter system. The second molecule only binds to the plate if a PCR product has been produced whereby both oligonucleotide primers are incorporated into the final PCR products. The amount of the PCR product is then detected and quantified in a commercial plate reader much as ELISA reactions are detected and quantified. An ELISA-like system such as the one described here has been developed by the Raggio Italgene company under the C-Track trade name.

#### 5.3.7.2 VISUALIZATION OF AMPLIFICATION PRODUCTS

Some of the quantitative measurement techniques described above may require visualization of amplification products. Amplification products are visualized, for example, in order to confirm amplification of the marker sequences. One typical visualization method involves staining of a gel with ethidium bromide and visualization under UV light. Alternatively, if the amplification products are integrally labeled with radio- or fluorometrically-labeled nucleotides, the amplification products may then be exposed to x-ray film or visualized under the appropriate stimulating spectra, following separation.

In one embodiment, visualization is achieved indirectly. Following separation of amplification products, a labeled, nucleic acid probe is brought into contact with the amplified marker sequence. The probe preferably is conjugated to a chromophore but may

be radiolabeled. In another embodiment, the probe is conjugated to a binding partner, such as an antibody or biotin, where the other member of the binding pair carries a detectable moiety.

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In another embodiment, detection is by Southern blotting and hybridization with a labeled probe. The techniques involved in Southern blotting are well known to those of skill in the art and may be found in many standard books on molecular protocols. See Sambrook et al., 1989. Briefly, amplification products are separated by gel electrophoresis. The gel is then contacted with a membrane, such as nitrocellulose, permitting transfer of the nucleic acid and non-covalent binding. Subsequently, the membrane is incubated with a chromophore-conjugated probe that is capable of hybridizing with a target amplification product. Detection is by exposure of the membrane to x-ray film or ion-emitting detection devices.

One example of the foregoing is described in U.S. Pat. No. 5,279,721, incorporated by reference herein, which discloses an apparatus and method for the automated electrophoresis and transfer of nucleic acids. The apparatus permits electrophoresis and blotting without external manipulation of the gel and is ideally suited to carrying out methods according to the present invention.

## 5.4 METHODS FOR MEASURING MOLECULAR MARKER DATA REFLECTIVE OF ABUNDANCE OF PROTEIN PRODUCTS OF MOLECULAR MARKERS

Measurement of the abundance of protein products of molecular markers in blood may be performed using a number of separation techniques combined with a monitoring system. For example, whole genome monitoring of protein (e.g., the "proteome,") can be carried out using commercial systems such as a SELDI® Chip by Ciphergen. In addition, protein microarrays comprised of immobilized, preferably monoclonal, antibodies specific to a plurality of protein species encoded by the cell genome can be used. (e.g., The ProteinChip® Biomarker System, Ciphergen, Fremont, California). See also, for example, Lin, 2004, Modern Pathology, 1-9; Li, 2004, Journal of Urology 171, 1782-1787; Wadsworth, 2004, Clinical Cancer Research, 10, 1625-1632; Prieto, 2003, Journal of Liquid Chromatography & Related Technologies 26, 2315-2328; Coombes, 2003, Clinical Chemistry 49, 1615-1623; Mian, 2003, Proteomics 3, 1725-1737; Lehre et al., 2003, BJU International 92, 223-225; and Diamond, 2003, Journal of the American Society for Mass Spectrometry 14, 760-765, which are hereby incorporated by reference in their entireties.

In one embodiment, antibodies can be used to measure protein products of the candidate molecular markers. Methods for making monoclonal antibodies are well known (see, e.g., Harlow and Lane, 1988, Antibodies: A Laboratory Manual, Cold Spring Harbor, New York, which is incorporated in its entirety for all purposes). In one embodiment, monoclonal antibodies are raised against synthetic peptide fragments designed based on genomic sequence of the cell. With such an antibody array, proteins from the cell are contacted to the array and their binding is assayed with assays known in the art.

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Immunoassays known to one of skill in the art can be used to detect and quantify protein levels. For example, ELISAs can be used to detect and quantify protein levels. ELISAs comprise preparing antigen, coating the well of a 96 well microtiter plate with the antigen, adding the antibody of interest conjugated to a detectable compound such as an enzymatic substrate (e.g., horseradish peroxidase or alkaline phosphatase) to the well and incubating for a period of time, and detecting the presence of the antigen. In ELISAs the antibody of interest does not have to be conjugated to a detectable compound; instead, a second antibody (which recognizes the antibody of interest) conjugated to a detectable compound may be added to the well. Further, instead of coating the well with the antigen, the antibody may be coated to the well. In this case, a second antibody conjugated to a detectable compound may be added following the addition of the antigen of interest to the coated well. One of skill in the art would be knowledgeable as to the parameters that can be modified to increase the signal detected as well as other variations of ELISAs known in the art. In a preferred embodiment, an ELISA may be performed by coating a high binding 96-well microtiter plate (Costar) with 2µg/ml of rhu-IL-9 in PBS overnight. Following three washes with PBS, the plate is incubated with three-fold serial dilutions of Fab at 25°C for 1 hour. Following another three washes of PBS, 1µg/ml anti-human kappa-alkaline phosphatase-conjugate is added and the plate is incubated for 1 hour at 25°C. Following three washes with PBST, the alkaline phosphatase activity is determined in 50µl/AMP/PPMP substrate. The reactions are stopped and the absorbance at 560 nm is determined with a VMAX microplate reader. For further discussion regarding ELISAs see, e.g., Ausubel et al, eds, 1994, Current Protocols in Molecular Biology, Vol. 1, John Wiley & Sons, Inc., New York at 11.2.1.

Protein levels may be determined by Western blot analysis. Further, protein levels as well as the phosphorylation of proteins can be determined by immunoprecitation followed by Western blot analysis. Immunoprecipitation protocols generally comprise lysing a population of cells in a lysis buffer such as RIPA buffer (1% NP-40 or Triton X-

100, 1% sodium deoxycholate, 0.1% SDS, 0.15 M NaCl, 0.01 M sodium phosphate at pH 7.2, 1% Trasylol) supplemented with protein phosphatase and/or protease inhibitors (e.g., EDTA, PMSF, aprotinin, sodium vanadate), adding the antibody of interest to the cell lysate, incubating for a period of time (e.g., 1 to 4 hours) at 40° C, adding protein A and/or protein G sepharose beads to the cell lysate, incubating for about an hour or more at 40° C, washing the beads in lysis buffer and resuspending the beads in SDS/sample buffer. The ability of the antibody of interest to immunoprecipitate a particular antigen can be assessed by, e.g., western blot analysis. One of skill in the art would be knowledgeable as to the parameters that can be modified to increase the binding of the antibody to an antigen and decrease the background (e.g., pre-clearing the cell lysate with sepharose beads). For further discussion regarding immunoprecipitation protocols see, e.g., Ausubel et al, eds, 1994, Current Protocols in Molecular Biology, Vol. 1, John Wiley & Sons, Inc., New York at 10.16.1.

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Western blot analysis generally comprises preparing protein samples. electrophoresis of the protein samples in a polyacrylamide gel (e.g., 8%-20% SDS-PAGE depending on the molecular weight of the antigen), transferring the protein sample from the polyacrylamide gel to a membrane such as nitrocellulose, PVDF or nylon, incubating the membrane in blocking solution (e.g., PBS with 3% BSA or non-fat milk), washing the membrane in washing buffer (e.g., PBS-Tween 20), incubating the membrane with primary antibody (the antibody of interest) diluted in blocking buffer, washing the membrane in washing buffer, incubating the membrane with a secondary antibody (which recognizes the primary antibody, e.g., an anti-human antibody) conjugated to an enzymatic substrate (e.g., horseradish peroxidase or alkaline phosphatase) or radioactive molecule (e.g., <sup>32</sup>P or <sup>125</sup>I) diluted in blocking buffer, washing the membrane in wash buffer, and detecting the presence of the antigen. One of skill in the art would be knowledgeable as to the parameters that can be modified to increase the signal detected and to reduce the background noise. For further discussion regarding western blot protocols see, e.g., Ausubel et al, eds, 1994, Current Protocols in Molecular Biology, Vol. 1, John Wiley & Sons, Inc., New York at 10.8.1.

Protein expression levels can also be separated by two-dimensional gel electrophoresis systems. Two-dimensional gel electrophoresis is well-known in the art and typically involves isoelectric focusing along a first dimension followed by SDS-PAGE electrophoresis along a second dimension. See, e.g., Hames et al., 1990, Gel Electrophoresis of Proteins: A Practical Approach, IRL Press, New York; Shevchenko et

al., 1996, *Proc. Natl. Acad. Sci. USA* 93:1440-1445; Sagliocco *et al.*, 1996, *Yeast* 12:1519-1533; Lander, 1996, *Science* 274:536-539. The resulting electropherograms can be analyzed by numerous techniques, including mass spectrometric techniques, Western blotting and immunoblot analysis using polyclonal and monoclonal antibodies, and internal and N-terminal micro-sequencing.

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## 5.5 USES OF CLASSIFIERS IDENTIFIED

In exemplary embodiments, the classifiers constructed in accordance with the present invention can be used to detect, diagnose, prognose and/or monitor a trait in a test individual. In a specific embodiment, a classifier or classifier group constructed in accordance with Section 5.1 is used to detect, diagnose, prognose and/or monitor a disease in said test individual. In another embodiment, a classifier or classifier group constructed in accordance with Section 5.1 is used to detect, diagnose, prognose and/or monitor a reoccurrence of disease in said test individual. In another embodiment, a classifyer or classifier group constructed in accordance with the invention is used to evaluate or predict the efficacy of treatment in a subject. In another embodiment, a classifier or classifier group constructed in accordance with the invention is used to predict whether a subject will be responsive to treatment and/or treatment outcomes. In another embodiment, a classifier or classifier group constructed in accordance with the invention is used to monitor and/or predict treatment compliance or non-compliance. In another embodiment, a classifier or classifier group constructed in accordance with the methods of the invention is indicative of the responsiveness of a subject to a stimulus (whether external or internal, e.g., smoke, pollution, sunlight, heat, and mutations) and is used to evaluate or predict the response of a subject to such stimulus.

In yet another embodiment, the molecular markers identified by the classifiers of the invention can be used independently of the classifier to detect, diagnose, prognose, predict and/or monitor a trait. In such embodiments, said detection, diagnosis, prognosis, prediction and/or monitoring of a test individual can be accomplished by monitoring the gene expression pattern or profile of the molecular markers identified by the classifier or classifier group of the invention of a test individual and comparing said pattern or profile to a gene expression pattern or profile of a control individual or group of individuals who have said trait. In another embodiment, the gene expression pattern or profile of the test individual can be compared with a control individual or group of individuals who do not have said trait. In another embodiment, the gene expression pattern or profile of the test individual is compared as between individuals or group of individuals who have said trait

and who do not have said trait. In yet another embodiment, the gene expression pattern or profile of the test individual is compared with the individuals used for the training population. In yet another embodiment, the gene expression pattern or profile of the test individual is compared with the individuals of the scoring population. As used herein, a "gene expression pattern" or "gene expression profile" indicates the combined pattern of the results of the analysis of the level of expression of two or more biomarkers of the invention including 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 or all of the biomarkers of the classifier or classifier groups. A gene expression pattern or gene expression profile can result from the measurement of expression of the products of the biomarkers of the invention and can be done by measuring either the RNA or the proteins corresponding to said molecular marker using any any of the techniques described herein. For example techniques to measure expression of the RNA products of the biomarkers of the invention includes, PCR based methods (including RT-PCR and quantitative RT-PCR) and non PCR based method as well as microarray analysis. To measure protein products of the biomarkers of the invention, techniques include western blotting and ELISA analysis.

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#### 5.6 KITS

One embodiment of the present invention comprises kits for measuring molecular marker data by providing the materials necessary to measure the abundance of one or more of the products of one or more molecular markers of the classifier or classifier groups identified. Such kits may comprise materials and reagents required for measuring molecular marker data where the product of the molecular marker is RNA or protein. In some embodiments, such kits include microarrays wherein the microarray is comprised of oligonucleotides and/or DNA and/or RNA fragments which hybridize to one or more of the products of one or more of the molecular markers of a classifier or classifier group. In some embodiments, such kits may include primers for PCR of either the RNA product or the cDNA copy of the RNA product of the molecular marker or both. In some embodiments, such kits may include primers for PCR as well as probes for Quantitative PCR. In some embodiments, such kits may include multiple primers and multiple probes wherein some of said probes have different flourophores so as to permit multiplexing of multiple products of a single molecular marker or multiple products wherein each product results from a single molecular marker. In some embodiments, such kits may further include materials and reagents for creating cDNA from RNA. In some embodiments, such kits may include antibodies specific for the protein products of a molecular marker. Such kits may additionally comprise materials and reagents for isolating RNA and/or proteins

from a blood sample. Such kits may additionally comprise materials and reagents for isolating RNA and/or proteins from a non-blood tissue sample. In addition such kits may include materials and reagents for synthesizing cDNA from RNA isolated from a blood sample. In some embodiments of the present invention such kits may include, a computer program product embedded on computer readable media for determining whether a subject has a trait of interest. In some embodiments of the present invention, the kits of the invention may include a computer program product embedded on a computer readable media along with instructions.

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In some embodiments, the invention provides kits for measuring the expression of one or more nucleic acid sequences of one or more molecular markers. In a specific embodiment, such kits measure the expression of one or more nucleic acid sequences associated with a molecular marker which has been determined according to the method of the invention as being indicative of a trait of interest. In accordance with this embodiment, the kits may comprise materials and reagents that are necessary for measuring the expression of particular nucleic acid sequence products of molecular markers identified by a classifier or classifier group of the invention. For example, a microarray or RT-PCR kit may be produced for a specific condition and contain only those reagents and materials necessary for measuring the levels of specific RNA transcript products of the molecular markers associated with the classifier or classifier groups selected in accordance with one embodiment of the invention. Alternatively, in some embodiments, the kits can comprise materials and reagents that are not limited to those required to measure the expression of particular nucleic acid sequences of any particular molecular marker. For example, in certain embodiments, the kits comprise materials and reagents necessary for measuring the levels of expression of 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 25, 30, 35, 40, 45, 50 or more of the molecular markers of the invention, in addition to reagents and materials necessary for measuring the levels of the expression of at least 1, at least 2, at least 3, at least 4, at least 5, at least 6, at least 7, at least 8, at least 9, at least 10, at least 15, at least 20, at least 25, at least 30, at least 35, at least 40, at least 45, at least 50 or more genes other than the molecular markers of the invention. In other embodiments, the kits contain reagents and materials necessary for measuring the levels of expression of at least 1, at least 2, at least 3, at least 4, at least 5, at least 6, at least 7, at least 8, at least 9, at least 10, at least 15, at least 20, at least 25, at least 30, at least 35, at least 40, at least 45, at least 50 or more of the molecular markers of the invention, and 1, 2, 3, 4, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 125, 150, 175, 200, 225, 250,

300, 350, 400, 450, or more genes that are not molecular markers of the invention, or 1-10, 1-100, 1-150, 1-200, 1-300, 1-400, 1-500, 1-1000, 25-100, 25-200, 25-300, 25-400, 25-500, 25-1000, 100-150, 100-200, 100-300, 100-400, 100-500, 100-1000 or 500-1000 genes that are not molecular markers of the invention.

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For nucleic acid micoarray kits, the kits generally comprise probes attached to a solid support surface. In one such embodiment, probes can be either oligonucleotides or longer length probes including probes ranging from 150 nucleotides in length to 800 nucleotides in length. The probes may be labeled with a detectable label. In a specific embodiment, the probes are specific for one or more of the products of a specific molecular marker identified following the methods of section 5.1. The microarray kits may comprise instructions for performing the assay and methods for interpreting and analyzing the data resulting from the performance of the assay. In a specific embodiment, the kits comprise instructions for diagnosing a trait of interest. The kits may also comprise hybridization reagents and/or reagents necessary for detecting a signal produced when a probe hybridizes to a target nucleic acid sequence. Generally, the materials and reagents for the microarray kits are in one or more containers. Each component of the kit is generally in its own a suitable container.

In certain embodiments, a nucleic acid microarray kit comprises materials and reagents necessary for measuring the levels of expression of 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 25, 30, 35, 40, 45, 50 or more of the molecular markers of the invention, in addition to reagents and materials necessary for measuring the levels of the expression of at least 1, at least 2, at least 3, at least 4, at least 5, at least 6, at least 7, at least 8, at least 9, at least 10, at least 15, at least 20, at least 25, at least 30, at least 35, at least 40, at least 45, at least 50 or more genes other than the molecular markers of the invention. In other embodiments, a nucleic acid microarray kit contains reagents and materials necessary for measuring the levels of expression of at least 1, at least 2, at least 3, at least 4, at least 5, at least 6, at least 7, at least 8, at least 9, at least 10, at least 15, at least 20, at least 25, at least 30, at least 35, at least 40, at least 45, at least 50 or more of the molecular markers of the invention, and 1, 2, 3, 4, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 125, 150, 175, 200, 225, 250, 300, 350, 400, 450, or more genes that are not molecular markers of the invention, or 1-10, 1-100, 1-150, 1-200, 1-300, 1-400, 1-500, 1-1000, 25-100, 25-200, 25-300, 25-400, 25-500, 25-1000, 100-150, 100-200, 100-300, 100-400, 100-500, 100-1000 or 500-1000 genes that are not molecular markers of the invention.

For Quantitative PCR, the kits generally comprise pre-selected primers specific for particular nucleic acid sequences. The Quantitative PCR kits may also comprise enzymes suitable for amplifying nucleic acids (e.g., polymerases such as Taq), and deoxynucleotides and buffers needed for the reaction mixture for amplification. The Quantitative PCR kits may also comprise probes specific for the nucleic acid sequences associated with or indicative of a condition. The probes may or may not be labeled with a flourophore. The probes may or may not be labeled with a quencher molecule. In some embodiments the Quantitative PCR kits also comprise components suitable for reversetranscribing RNA including enzymes (e.g. reverse transcriptases such as AMV, MMLV and the like) and primers for reverse transcription along with deoxynucleotides and buffers needed for the reverse transcription reaction. Each component of the quantitative PCR kit is generally in its own suitable container. Thus, these kits generally comprise distinct containers suitable for each individual reagent, enzyme, primer and probe. Further, the quantitative PCR kits may comprise instructions for performing the assay and methods for interpreting and analyzing the data resulting from the performance of the assay. In a specific embodiment, the kits contain instructions for diagnosing a trait of interest.

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For antibody based kits, the kit can comprise, for example: (1) a first antibody (which may or may not be attached to a solid support) which binds to a peptide, polypeptide or protein of interest; and, optionally, (2) a second, different antibody which binds to either the peptide, polypeptide or protein, or the first antibody and is conjugated to a detectable label (e.g., a fluorescent label, radioactive isotope or enzyme). In a specific embodiment, the peptide, polypeptide or protein of interest is associated with or indicative of a condition (e.g., a disease). The antibody-based kits may also comprise beads for conducting an immunoprecipitation. Each component of the antibody-based kits is generally in its own suitable container. Thus, these kits generally comprise distinct containers suitable for each antibody. Further, the antibody-based kits may comprise instructions for performing the assay and methods for interpreting and analyzing the data resulting from the performance of the assay. In a specific embodiment, the kits contain instructions for diagnosing a trait of interest.

## 5.7 EXEMPLARY NORMALIZATION ROUTINES

A number of different normalization protocols can be used to normalize molecular marker data obtained using microarrays. Some such normalization protocols are described in this section. Typically, the normalization comprises normalizing the expression level measurement of each gene in a plurality of genes that is expressed by a subject. Many of

the normalization protocols described in this section are used to normalize microarray data. It will be appreciated that there are many other suitable normalization protocols that may be used in accordance with the present invention. All such protocols are within the scope of the present invention. Many of the normalization protocols found in this section are found in publicly available software, such as Microarray Explorer (Image Processing Section, Laboratory of Experimental and Computational Biology, National Cancer Institute, Frederick, MD 21702, USA).

One normalization protocol is Z-score of intensity. In this protocol, raw expression intensities are normalized by the (mean intensity)/(standard deviation) of raw intensities for all spots in a sample. For microarray data, the Z-score of intensity method normalizes each hybridized sample by the mean and standard deviation of the raw intensities for all of the spots in that sample. The mean intensity  $mnI_i$  and the standard deviation  $sdI_i$  are computed for the raw intensity of control genes. It is useful for standardizing the mean (to 0.0) and the range of data between hybridized samples to about -3.0 to +3.0. When using the Z-score, the Z differences (Z  $_{diff}$ ) are computed rather than ratios. The Z-score intensity (Z-score $_{ij}$ ) for intensity  $I_{ij}$  for probe i (hybridization probe, protein, or other binding entity) and spot j is computed as:

$$Z$$
-score<sub>ij</sub> =  $(I_{ij} - mnI_i) / sdI_i$ ,

and

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$$Zdiff_i(x,y) = Z-score_{xi} - Z-score_{yi}$$

where x represents the x channel and y represents the y channel.

Another normalization protocol is the median intensity normalization protocol in which the raw intensities for all spots in each sample are normalized by the median of the raw intensities. For microarray data, the median intensity normalization method normalizes each hybridized sample by the median of the raw intensities of control genes (median $_{\rm li}$ ) for all of the spots in that sample. Thus, upon normalization by the median intensity normalization method, the raw intensity  $I_{ij}$  for probe i and spot j, has the value  $I_{\rm m}$  where,

$$Im_{ij} = (I_{ij} / medianI_i).$$

Another normalization protocol is the log median intensity protocol. In this protocol, raw expression intensities are normalized by the log of the median scaled raw intensities of representative spots for all spots in the sample. For microarray data, the log

median intensity method normalizes each hybridized sample by the log of median scaled raw intensities of control genes (median $I_i$ ) for all of the spots in that sample. As used herein, control genes are a set of genes that have reproducible accurately measured expression values. The value 1.0 is added to the intensity value to avoid taking the log(0.0) when intensity has zero value. Upon normalization by the median intensity normalization method, the raw intensity  $I_{ij}$  for probe i and spot j, has the value  $Im_{ij}$  where,  $Im_{ij} = log(1.0 + (I_{ii}/medianI_i))$ .

Yet another normalization protocol is the Z-score standard deviation log of intensity protocol. In this protocol, raw expression intensities are normalized by the mean log intensity ( $mnLI_i$ ) and standard deviation log intensity ( $sdLI_i$ ). For microarray data, the mean log intensity and the standard deviation log intensity is computed for the log of raw intensity of control genes. Then, the Z-score intensity  $ZlogS_{ij}$  for probe i and spot j is:

$$ZlogS_{ij} = (log(I_{ij}) - mnLI_i)/sdLI_i$$
.

Still another normalization protocol is the Z-score mean absolute deviation of log intensity protocol. In this protocol, raw expression intensities are normalized by the Z-score of the log intensity using the equation (log(intensity)-mean logarithm) / standard deviation logarithm. For microarray data, the Z-score mean absolute deviation of log intensity protocol normalizes each bound sample by the mean and mean absolute deviation of the logs of the raw intensities for all of the spots in the sample. The mean log intensity  $mnLI_i$  and the mean absolute deviation log intensity  $madLI_i$  are computed for the log of raw intensity of control genes. Then, the Z-score intensity  $ZlogA_{ij}$  for probe i and spot j is:  $ZlogA_{ij} = (log(I_{ij}) - mnLI_i)/madLI_i$ .

Another normalization protocol is the user normalization gene set protocol. In this protocol, raw expression intensities are normalized by the sum of the genes in a user defined gene set in each sample. This method is useful if a subset of genes has been determined to have relatively constant expression across a set of samples. Yet another normalization protocol is the calibration DNA gene set protocol in which each sample is normalized by the sum of calibration DNA genes. As used herein, calibration DNA genes are genes that produce reproducible expression values that are accurately measured. Such genes tend to have the same expression values on each of several different microarrays. The algorithm is the same as user normalization gene set protocol described above, but the set is predefined as the genes flagged as calibration DNA.

Yet another normalization protocol is the ratio median intensity correction protocol. This protocol is useful in embodiments in which a two-color fluorescence labeling and detection scheme is used. In the case where the two fluors in a two-color fluorescence labeling and detection scheme are Cy3 and Cy5, measurements are normalized by multiplying the ratio (Cy3/Cy5) by medianCy5/medianCy3 intensities. If background correction is enabled, measurements are normalized by multiplying the ratio (Cy3/Cy5) by (medianCy5-medianBkgdCy5) / (medianCy3-medianBkgdCy3) where medianBkgd means median background levels.

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In some embodiments, intensity background correction is used to normalize measurements. The background intensity data from a spot quantification programs may be used to correct spot intensity. Background may be specified as either a global value or on a per-spot basis. If the array images have low background, then intensity background correction may not be necessary.

### 5.8 EXEMPLARY DISEASES

As discussed *supra*, the present invention provides methods for developing classifiers that can be used to determine whether a patient has a certain trait including a disease. Exemplary diseases that can be identified include asthma, cancers, common lateonset Alzheimer's disease, diabetes, heart disease, hereditary early-onset Alzheimer's disease (George-Hyslop *et al.*, 1990, *Nature* 347: 194), hereditary nonpolyposis colon cancer, hypertension, infection, maturity-onset diabetes of the young (Barbosa *et al.*, 1976, *Diabete Metab.* 2: 160), mellitus, nonalcoholic fatty liver (NAFL) (Younossi, *et al.*, 2002, Hepatology 35, 746-752), nonalcoholic steatohepatitis (NASH) (James & Day, 1998, *J. Hepatol.* 29: 495-501), non-insulin-dependent diabetes mellitus, andpolycystic kidney disease (Reeders *et al.*, 1987, *Human Genetics* 76: 348).

Disease also includes, blood disorder, blood lipid disease, autoimmune disease, arthritis (including osteoarthritis, rheumatoid arthritis, lupus, allergies, juvenile rheumatoid arthritis and the like), bone or joint disorder, a cardiovascular disorder (including heart failure, congenital heart disease; rheumatic fever, valvular heart disease; cor pulmonale, cardiomyopathy, myocarditis, pericardial disease; vascular diseases such as atherosclerosis, acute myocardial infarction, ischemic heart disease and the like), obesity, respiratory disease (including asthma, pneumonitis, pneumonia, pulmonary infections, lung disease, bronchiectasis, tuburculosis, cystic fibrosis, interstitial lung disease, chronic bronchitis emphysema, pulmonary hypertension, pulmonary thromboembolism, acute respiratory distress syndrome and the like), hyperlipidemias, endocrine disorder, immune

disorder, infectious disease, muscle wasting and whole body wasting disorder, neurological disorders (including migraines, seizures, epilepsy, cerebrovascular diseases, alzheimers, dementia, parkinsons, ataxic disorders, motor neuron diseases, cranial nerve disorders, spinal cord disorders, meningitis and the like) including neurodegenerative and/or neuropsychiatric diseases and mood disorders (including schizophrenia, anxiety, bipolar disorder; manic depression and the like, skin disorder, kidney disease, scleroderma, stroke, hereditary hemorrhage telangiectasia, diabetes, disorders associated with diabetes (e.g., PVD), hypertension, Gaucher's disease, cystic fibrosis, sickle cell anemia, liver disease, pancreatic disease, eye, ear, nose and/or throat disease, diseases affecting the reproductive organs, gastrointestinal diseases (including diseases of the colon, diseases of the spleen, appendix, gall bladder, and others) and the like. For further discussion of human diseases, see Mendelian Inheritance in Man: A Catalog of Human Genes and Genetic Disorders by Victor A. McKusick (12th Edition (3 volume set) June 1998, Johns Hopkins University Press, ISBN: 0801857422) and Harrison's Principles of Internal Medicine by Braunwald, Fauci, Kasper, Hauser, Longo, & Jameson (15th Edition 2001), the entirety of which is incorporated herein.

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Cancers that can be identified using the inventive techniques of the present invention include, but are not limited to, human sarcomas and carcinomas, e.g., fibrosarcoma, myxosarcoma, liposarcoma, chondrosarcoma, osteogenic sarcoma, chordoma, angiosarcoma, endotheliosarcoma, lymphangiosarcoma, lymphangioendotheliosarcoma, synovioma, mesothelioma, Ewing's tumor, leiomyosarcoma, rhabdomyosarcoma, colon carcinoma, pancreatic cancer, breast cancer, ovarian cancer, prostate cancer, squamous cell carcinoma, basal cell carcinoma, adenocarcinoma, sweat gland carcinoma, sebaceous gland carcinoma, papillary carcinoma, papillary adenocarcinomas, cystadenocarcinoma, medullary carcinoma, bronchogenic carcinoma, renal cell carcinoma, hepatoma, bile duct carcinoma, choriocarcinoma, seminoma, embryonal carcinoma, Wilms' tumor, cervical cancer, testicular tumor, lung carcinoma, small cell lung carcinoma, bladder carcinoma, epithelial carcinoma, glioma, astrocytoma, medulloblastoma, craniopharyngioma, ependymoma, pinealoma, hemangioblastoma, acoustic neuroma, oligodendroglioma, meningioma, melanoma, neuroblastoma, retinoblastoma; leukemias, e.g., acute lymphocytic leukemia and acute myelocytic leukemia (myeloblastic, promyelocytic, myelomonocytic, monocytic and erythroleukemia); chronic leukemia (chronic myelocytic (granulocytic) leukemia and chronic lymphocytic leukemia); and polycythemia vera, lymphoma (Hodgkin's disease

and non-Hodgkin's disease), multiple myeloma, Waldenström's macroglobulinemia, and heavy chain disease.

## 5.9 EXEMPLARY DATABASE ARCHITECTURES

In some embodiments, training population 44, candidate molecular marker data structure 58, patient database 68, and/or classifier database 70 comprise or are stored in one or more data warehouses. Data warehouses are typically structured as either relational databases or multidimensional data cubes. This section describes relational databases and multidimensional data cube architectures that can be used to store training data, candidate molecular marker lists, patient molecular marker data and/or classifiers of the present invention. More information on relational databases and multidimensional data cubes is found in Berson and Smith, 1997, Data Warehousing, Data Mining and OLAP, McGraw-Hill, New York; Freeze, 2000, Unlocking OLAP with Microsoft SQL Server and Excel 2000, IDG Books Worldwide, Inc., Foster City, California; and Thomson, 1997, OLAP Solutions: Building Multidimensional Information Systems, Wiley Computer Publishing, New York.

## 5.9.1 DATA ORGANIZATION

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Databases have typically been used for operational purposes, such as order entry, accounting and inventory control. More recently, corporations and scientific projects have been building databases, called data warehouses or large on-line analytical processing (OLAP) databases, explicitly for the purposes of exploration and analysis. The "data warehouse" can be described as a subject-oriented, integrated, time-variant, nonvolatile collection of data in support of management decisions. Data warehouses are built using both relational databases and specialized multidimensional structures called data cubes. In some embodiments a database stored in computer 10 or stored in a computer addressable by computer 10 across wide area network 34 is a relational database or a datacube.

## 5.9.2 RELATIONAL DATABASES

Relational databases organize data into tables where each row corresponds to a basic entity or fact and each column represents a property of that entity. For example, a table can represent transactions in a bank, where each row corresponds to a single transaction, and each transaction has multiple attributes, such as the transaction amount, the account balance, the bank branch, and the customer. The relational table is referred to as a relation, a row as a tuple, and a column as an attribute or field. The attributes within a relation can be partitioned into two types: dimensions and measures. Dimensions and

measures are similar to independent and dependent variables in traditional analysis. For example, the bank branch and the customer would be dimensions, while the account balance would be a measure. A single relational database will often describe many heterogeneous but interrelated entities. For example, a database designed for a restaurant chain might maintain information about employees, products, and sales. The database schema defines the relations in a database, the relationships between those relations, and how the relations classify the entities of interest.

## 5.9.3 DATA CUBES

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A data warehouse can be constructed as a relational database using either a star or snowflake schema and will provide a conceptual classifier of a multidimensional data set. Each axis in the corresponding data cube represents a dimension in a relational schema and consists of every possible value for that dimension. For example, an axis corresponding to states would have fifty values, one for each state. Each cell in the data cube corresponds to a unique combination of values for the dimensions. For instance, if there are two imensions, "state" and "product", then there would be a cell for every unique combination of the two, e.g., one cell each for (California, Tea), (California, Coffee), (Florida, Tea), (Florida, Coffee), etc. Each cell contains one value per measure of the data cube. So if product production and consumption information is needed, then each cell would contain two values, one for the number of products of each type consumed in that state, and one for the number of products of each type produced in that state. Dimensions within a data warehouse are often augmented with a hierarchical structure. If each dimension has a hierarchical structure, then the data warehouse is not a single data cube but rather a lattice of data cubes.

## 5.10 EXEMPLARY PATIENT DATABASE

This section provides a more detailed description of a patient database 68 in accordance with one aspect of the invention. As described in Section 5.1, an exemplary patient database 68 includes a plurality of patient records 500 (Fig. 6). There is no limit on the number of patient records 500 that can be held in patient database 68. Database 68 can hold as few as one patient record 500. More typically, database 68 holds between 1 and 100 patient records, more than 100 patient records, more than a thousand patient records, more than ten thousand patient records, more than 100 thousand patient records, between 1 patient record and one million patient records, or more. Each patient record 500 preferably includes a patient identifier 502. As those skilled in database arts will appreciate, a patient

identifier 502 need not be explicitly enumerated in certain database systems. For instance, in some systems, a patient identifier 502 can simply be a patient record 500 identifier. However, in some embodiments, a patient identifier 502 can be a number that uniquely identifies a patient within a health care program or clinical trial.

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An advantage of database 68 is that it has the capability of tracking molecular marker data profile 504 and trait characterization information 510 for each patient registered in database 68. In some embodiments, a molecular profile 504 is the abundance levels of a plurality of molecular marker products in blood specimens obtained from a patient in accordance with Section 5.2. In some embodiments, such abundance levels are normalized using any of the techniques disclosed in Section 5.7.

In some embodiments, a molecular profile 504 comprises the processed microarray image data from the biological specimen obtained from the patient. In one example, molecular profile data 504 comprises molecular marker abundance information for all or a portion of the cellular constituents represented in a microarray, optional background signal information, and optional associated annotation information describing the probes used for the respective molecular marker. Molecular markers include, but are not limited to RNA (e.g., mRNA) and protein.

In some embodiments, a molecular profile 504 represents the transcriptional state of cellular constituents in a biological specimen. However, in other embodiments, a molecular profile 504 can track aspects of the biological state other than or in addition to transcriptional state. Such other aspects of the biological state include, but are not limited to, the translational state, the activity state of cellular constituents in a biological sample. In some embodiments, for example, molecular profile 504 data is, in fact, protein levels for various proteins in the blood taken from the patient. Thus, in some embodiments, molecular profiles 504 comprise amounts or concentrations of the molecular markers in biological specimens obtained in accordance with Section 5.2.

In one embodiment, the amount of at least one molecular marker that is tracked in a molecular profile 504 comprises abundances of at least one RNA species present in one or more cells in the blood obtained from the patient. Such abundances can be measured by a method comprising contacting a gene transcript array with RNA derived from one or more cells of the biological specimen, or with cDNA derived therefrom. A gene transcript array comprises a surface with attached nucleic acids or nucleic acid mimics. The nucleic acids or nucleic acid mimics are capable of hybridizing with the RNA species or with cDNA derived from the RNA species. In one particular embodiment, the abundance of the RNA

is measured by contacting a gene transcript array with the RNA from one or more cells of the biological specimen, or with nucleic acid derived from the RNA, such that the gene transcript array comprises a positionally addressable surface with attached nucleic acids or nucleic acid mimics, where the nucleic acids or nucleic acid mimics are capable of hybridizing with the RNA species, or with nucleic acid derived from the RNA species.

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In some embodiments, a molecular profile 504 can include abundance information or activity information about ten or more molecular markers (e.g., genes or proteins), between ten and one thousand molecular markers, between one thousand and twenty thousand molecular markers, or more than twenty thousand molecular markers.

In some embodiments, in addition to or rather than providing abundance information or activity information for molecular markers, a molecular profile 504 tracks polymorphism information. Such polymorphism information includes, but is not limited to, single nucleotide polymorphisms (SNPs), SNP haplotypes, microsatellite markers, restriction fragment length polymorphisms (RFLPs), short tandem repeats, sequence length polymorphisms, DNA methylation, random amplified polymorphic DNA (RAPD), amplified fragment length polymorphisms (AFLP), and "simple sequence repeats." For more information on such polymorphisms, see generally, *The DNA Revolution* by Andrew H. Paterson 1996 (Chapter 2) in: *Genome Mapping in Plants* (ed. Andrew H. Paterson) by Academic Press/R. G. Landis Company, Austin, Tex., 7-21, which is hereby incorporated herein by reference in its entirety

SNPs occur approximately once every 600 base pairs in the genome. See, for example, Kruglyak and Nickerson, 2001, Nature Genetics 27, 235. Alleles making up blocks of such SNPs in close physical proximity are often correlated, resulting in reduced genetic variability and defining a limited number of "SNP haplotypes" each of which reflects descent from a single ancient ancestral chromosome. See Fullerton *et al.*, 2000, Am. J. Hum. Genet. 67, 881. Such haplotype structure is used in some embodiments of the present invention. Patil *et al.* found that a very dense set of SNPs is required to capture all the common haplotype information. See Patil *et al.*, 2001, Science 294, 1719-1723. DNA methylation is described in Grunau *et al.*, 2003, Nucleic Acids Res. 31, pp. 75-77.

RFLPs are the product of allelic differences between DNA restriction fragments caused by nucleotide sequence variability. As is well known to those of skill in the art, RFLPs are typically detected by extraction of genomic DNA and digestion with a restriction endonuclease. Generally, the resulting fragments are separated according to size and hybridized with a probe; single copy probes are preferred. As a result, restriction

fragments from homologous chromosomes are revealed. Differences in fragment size among alleles represent an RFLP (see, for example, Helentjaris *et al.*, 1985, Plant Mol. Bio. 5:109-118, and U.S. Pat. No. 5,324,631).

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The phrase "random amplified polymorphic DNA" or "RAPD" refers to the amplification product of the distance between DNA sequences homologous to a single oligonucleotide primer appearing on different sites on opposite strands of DNA.

Mutations or rearrangements at or between binding sites will result in polymorphisms as detected by the presence or absence of amplification product (see, for example, Welsh and McClelland, 1990, Nucleic Acids Res. 18:7213-7218; Hu and Quiros, 1991, Plant Cell Rep. 10:505-511). AFLP technology refers to a process that is designed to generate large numbers of randomly distributed molecular markers (see, for example, European Patent Application No. 0534858 A1).

"Simple sequence repeats" or "SSRs" are di-, tri- or tetra-nucleotide tandem repeats within a genome. The repeat region can vary in length between genotypes while the DNA flanking the repeat is conserved such that the same primers will work in a plurality of genotypes. A polymorphism between two genotypes represents repeats of different lengths between the two flanking conserved DNA sequences (see, for example, Akagi *et al.*, 1996, Theor. Appl. Genet. 93, 1071-1077; Bligh *et al.*, 1995, Euphytica 86:83-85; Struss *et al.*, 1998, Theor. Appl. Genet. 97, 308-315; Wu *et al.*, 1993, Mol. Gen. Genet. 241, 225-235; and U.S. Pat. No. 5,075,217). SSR are also known as satellites or microsatellites.

In addition to molecular profiles 50, patient records 500 include trait characterizations 510. In some embodiments, a trait characterization 510 comprises observations made by a patient's physician. In some instances, the observations made by a physician include a code from the International Classification of Diseases, 9<sup>th</sup> Revision, prepared by the Department of Health and Human Services (ICD-9 codes), or an equivalent, and dates such observations were made.

## 5.11 EXEMPLARY GENES AS CANDIDATE MOLECULAR MARKERS

Non-limiting examples of genes useful as molecular markers for use in the invention can include, but are not limited to, genes specific for or involved in a particular biological process, such as apoptosis, differentiation, stress response, aging, proliferation, etc.; cellular mechanism genes, e.g., cell-cycle, signal transduction, metabolism of toxic compounds, and the like; disease associated genes, e.g., genes involved in cancer, schizophrenia, diabetes, high blood pressure, atherosclerosis, viral-host interaction and

infection and the like. Exemplary genes can also include immune responsive genes. Further examples of genes can include, but are not limited to, oncogenes whose expression within a cell induces that cell to become converted from a normal cell into a tumor cell. See for example Hanahan & Weinberg, 2000, Cell 100:57; Yokota., 2000, Carcinogenesis 21:497. Further examples of genes can include, but are not limited to cytokine genes. See, for example, Rubinstein et al., 1998, Cytokine Growth Factor Rev. 9:175-81. Other examples of genes can include idiotype protein genes (e.g., Benezra, et al., 2001 Oncogene 20:8334-41; Norton, 2000, J. Cell Sci. 113:3897), prion genes (e.g., Prusiner et al., 1998, Cell 93:337-48; Safar & Prusiner, 1998, Prog. Brain Res. 117:421); genes that express molecules that induce angiogenesis (e.g., Gould & Wagner, 2002, Hum. Pathol. 33:1061); genes encoding adhesion molecules (e.g., Chothia, & Jones, 1997, Annu. Rev. Biochem. 66:823; Parise et al., 2000, Semin. Cancer Biol. 10:407-14); genes encoding cell surface receptors (e.g., Deller and Jones, 2000, Curr. Opin. Struct. Biol. 10:213); genes of proteins that are involved in metastasizing and/or invasive processes (e.g., Boyd, 1996, Cancer Metastasis Rev. 15:77; Yokota, 2000, Carcinogenesis 21:497); genes of proteases as well as of molecules that regulate apoptosis and the cell cycle (e.g., Matrisian, 1999, Curr. Biol. 9:R776; Krepela, 2001, Neoplasma 48:332; Basbaum and Werb, 1996, Curr. Opin. Cell Biol. 8:731; Birkedal-Hansen et al., 1993, Crit. Rev. Oral Biol. Med. 4:197-250; Mignatti and Rifkin, 1993, Physiol. Rev. 73:161; Stetler-Stevenson et al., 1993, Annu. Rev. Cell Biol. 9:541; Brinkerhoff and Matrisan, 2002, Nature Reviews 3:207; Strasser. et al., 2000, Annu. Rev. Biochem. 69:217; Chao and Korsmeyer, 1998, Annu. Rev. Immunol. 16:395; Mullauer et al., 2001, Mutat. Res. 488:211; Fotedar et al., 1996, Prog. Cell Cycle Res. 2:147; Reed., 2000, Am. J. Pathol. 157:1415; D'Ari, 2001, Bioassays 23:563); or multi-drug resistance genes, such as the MDR1 gene. In one embodiment, a gene is an immune response gene or a non-immune response gene such as cytokines (e.g., interleukins and interferons such as TNF-alpha, IL-10, IL-12, IL-2, IL-4, IL-10, IL-12, IL-13, TGF-Beta, IFN-gamma; immunoglobulins, complement and the like). See, for example, Bellardelli, 1995, Role of interferons and other cytokines in the regulation of the immune response APMIS 103: 161.

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## 5.12 CLUSTERING TECHNIQUES

In some embodiments, clustering is used. For instance, clustering can be used in step 204 to visualize the relationship between the data measured for a plurality of molecular markers in step 202. In some embodiments, any of the clustering techniques described in Draghici, *Data Analysis Tools For DNA Microarrays*, 2003, Chapman &

Hall, CRC Press, New York, pp. 263-297, which is hereby incorporated by reference in its entirety, are used in the present invnetion. Clustering is also described on pages 211-256 of Duda and Hart, *Pattern Classification and Scene Analysis*, 1973, John Wiley & Sons, Inc., New York, which is hereby incorporated by reference. As described in Section 6.7 of Duda, the clustering problem is described as one of finding natural groupings in a dataset. To identify natural groupings, two issues are addressed. First, a way to measure similarity (or dissimilarity) between two samples is determined. This metric (similarity measure) is used to ensure that the samples in one cluster are more like one another than they are to samples in other clusters. Second, a mechanism for partitioning the data into clusters using the similarity measure is determined.

Similarity measures are discussed in Section 6.7 of Duda, where it is stated that one way to begin a clustering investigation is to define a distance function and to compute the matrix of distances between all pairs of samples in a dataset. If distance is a good measure of similarity, then the distance between samples in the same cluster will be significantly less than the distance between samples in different clusters. However, as stated on page 215 of Duda, clustering does not require the use of a distance metric. For example, a nonmetric similarity function s(x, x') can be used to compare two vectors x and x'. Conventionally, s(x, x') is a symmetric function whose value is large when x and x' are somehow "similar". An example of a nonmetric similarity function s(x, x') is provided on page 216 of Duda.

Once a method for measuring "similarity" or "disimilarity" between points in a dataset has been selected, clustering requires a criterion function that measures the clustering quality of any partition of the data. Partitions of the data set that extremize the criterion function are used to cluster the data. See page 217 of Duda. Criterion functions are discussed in Section 6.8 of Duda.

More recently, Duda et al., Pattern Classification, 2<sup>nd</sup> edition, John Wiley & Sons, Inc. New York, has been published. Pages 537-563 describe clustering in detail. More information on clustering techniques can be found in Kaufman and Rousseeuw, 1990, Finding Groups in Data: An Introduction to Cluster Analysis, Wiley, New York, NY; Everitt, 1993, Cluster analysis (3d ed.), Wiley, New York, NY; and Backer, 1995, Computer-Assisted Reasoning in Cluster Analysis, Prentice Hall, Upper Saddle River, New Jersey. Now that an overview of clustering techniques has been given, more specific examples of clustering that can be performed in the methods described in Section 5.1 is presented.

# 5.12.1 HIERARCHICAL CLUSTERING TECHNIQUES

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Hierarchical cluster analysis is a statistical method for finding relatively homogenous clusters of elements based on measured data. Consider a sequence of partitions of n samples into c clusters. The first of these is a partition into n clusters, each cluster containing exactly one sample. The next is a partition into n 1 clusters, the next is partition into n-2, and so on until the  $n^{th}$ , in which all the samples form one cluster. Level k in the sequence of partitions occurs when c = n - k + 1. Thus, level one corresponds to n clusters and level n corresponds to one cluster. Given any two samples x and  $x^*$ , at some level they will be grouped together in the same cluster. If the sequence has the property that whenever two samples are in the same cluster at level k they remain together at all higher levels, then the sequence is said to be a hierarchical clustering. Duda et al., 2001, Pattern Classification,  $2^{nd}$  edition, John Wiley & Sons, New York, 2001: 551. Examples of hierarchical clustering includes agglomerative clustering using nearest-neighbor algorithm, farthest-neighbor algorithm, the average linkage algorithm, the centroid algorithm, or the sum-of-squares algorithm. See, for example WO03100557.

# 5.12.1.1 CLUSTERING WITH PEARSON CORRELATION COEFFICIENTS

In some embodiments of the present invention, molecular marker data data is clustered using agglomerative hierarchical clustering with Pearson correlation coefficients. In this form of clustering, similarity is determined using Pearson correlation coefficients between sets of molecular marker data measurements. Other metrics that can be used, in addition to the Pearson correlation coefficient, include but are not limited to, a Euclidean distance, a squared Euclidean distance, a Euclidean sum of squares, a Manhattan metric, and a squared Pearson correlation coefficient. Such metrics can be computed using SAS (Statistics Analysis Systems Institute, Cary, North Carolina) or S-Plus (Statistical Sciences, Inc., Seattle, Washington).

## 5.12.1.2 DIVISIVE CLUSTERING

In some embodiments, the hierarchical clustering technique used to cluster molecular marker data measurements is a divisive clustering procedure. Divisive (top-down clustering) procedures start with all of the samples in one cluster and form the sequence by successfully splitting clusters. Divisive clustering techniques are classified as either a polythetic or a monothetic method. A polythetic approach divides clusters into arbitrary subsets.

#### 5.12.2 K-MEANS CLUSTERING

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In k-means clustering, sets of molecular marker data measurements are randomly assigned to K user specified clusters. The centroid of each cluster is computed by averaging the value of the vectors in each cluster. Then, for each i= 1, ..., N, the distance between vector  $x_i$  and each of the cluster centroids is computed. Each vector  $x_i$  is then reassigned to the cluster with the closest centroid. Next, the centroid of each affected cluster is recalculated. The process iterates until no more reassignments are made. See, for example, Duda *et al.*, 2001, *Pattern Classification*, John Wiley & Sons, New York, NY, pp. 526-528. A related approach is the fuzzy k-means clustering algorithm, which is also known as the fuzzy c-means algorithm. In the fuzzy k-means clustering algorithm, the assumption that every set of molecular marker data measurements is in exactly one cluster at any given time is relaxed so that every set has some graded or "fuzzy" membership in a cluster. See Duda *et al.*, 2001, *Pattern Classification*, John Wiley & Sons, New York, NY, pp. 528-530.

## 5.12.3 JARVIS-PATRICK CLUSTERING

Jarvis-Patrick clustering is a nearest-neighbor non-hierarchical clustering method in which a set of objects is partitioned into clusters on the basis of the number of shared nearest-neighbors. In the standard implementation advocated by Jarvis and Patrick,1973, *IEEE Trans. Comput.*, C-22:1025-1034, a preprocessing stage identifies the K nearest-neighbors of each object in the dataset. In the subsequent clustering stage, two objects i and j join the same cluster if (i) i is one of the K nearest-neighbors of j, (ii) j is one of the K nearest-neighbors of i, and (iii) i and j have at least  $k_{min}$  of their K nearest-neighbors in common, where K and  $k_{min}$  are user-defined parameters. The method has been widely applied to clustering chemical structures on the basis of fragment descriptors and has the advantage of being much less computationally demanding than hierarchical methods, and thus more suitable for large databases. Jarvis-Patrick clustering can be performed using the Jarvis-Patrick Clustering Package 3.0 (Barnard Chemical Information, Ltd., Sheffield, United Kingdom).

## 5.13 MOLECULAR MARKERS

Molecular marker is used herein to mean a gene or genetic element. All genes and genetic elements are considered molecular markers, but the invention teaches how to identify molecular markers useful for diagnosing a trait of interest.

# 5.14 REPRESENTATIVE MATHEMATICAL MODELS THAT CAN BE USED TO BUILD CLASSIFIERS

This section describes various mathematical models that can be used to build classifier in accordance with the methods of the present invention.

## 5.14.1 REGRESSION CLASSIFIERS

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In some embodiments, the classifier constructed in step 216 is a regression classifier, preferably a logistic regression classifier. Such a regression classifier includes a coefficient for each of the molecular markers selected in the last instance of step 214. In such embodiments, the coefficients for the regression classifier are computed using, for example, a maximum likelihood approach. In such a computation, the data measured for the molecular markers in step 206 (e.g., RT-PCR data) is used. In particular embodiments, molecular marker data from only two trait subgroups is used and the dependent variable is absence or presence of a particular trait in the subjects for which molecular marker data is available. As in the case of step 210, the two different trait subgroups can, for example, respectively represent a diseased and nondiseased state, a first diseased state (e.g. liver cancer) and a second phenotypically similar (e.g. hepatitis B) or unrelated diseased state (e.g., Alzheimer's disease), those subjects that are responsive to drug therapy and those subjects that are not responsive to drug therapy, or subjects that have been subjected to a perturbation (e.g., drug treatment) versus those subjects that have not been subjected to a perturbation.

In another specific embodiment, training population 44 consists of a plurality of trait subgroups (e.g., three or more trait subgroups, four or more specific trait subgroups, etc.). In this specific embodiment, a generalization of the logistic regression model that handles multicategory responses can be used in step 216 to develop a classifier that discriminates between the various trait subgroups found in the training population. For example, measured data for selected molecular markers can be applied to any of the mulitcategory logit models described in Agresti, An Introduction to Categorical Data Analysis, 1996, John Wiley & Sons, Inc., New York, Chapter 8, which is hereby incorporated herein by reference in its entirety, in order to develop a classifier capable of discriminating between any of a plurality of trait subgroups represented in a training population.

#### 5.14.2 NEURAL NETWORKS

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The present invention is not limited to the use of logistic regression. In some embodiments, the data measured for the molecular markers in step 206 (e.g., RT-PCR data) can be used to train a neural network.

In some embodiments, a neural network is derived in each successive instance of step 216 of Fig. 2A using the combination of molecular markers selected in the corresponding instance of step 214 of Fig. 2A. A neural network is a two-stage regression or classification classifier. A neural network has a layered structure that includes a layer of input units (and the bias) connected by a layer of weights to a layer of output units. For regression, the layer of output units typically includes just one output unit. However, neural networks can handle multiple quantitative responses in a seamless fashion.

In multilayer neural networks, there are input units (input layer), hidden units (hidden layer), and output units (output layer). There is, furthermore, a single bias unit that is connected to each unit other than the input units. Neural networks are described in Duda et al., 2001, Pattern Classification, Second Edition, John Wiley & Sons, Inc., New York; and Hastie et al., 2001, The Elements of Statistical Learning, Springer-Verlag, New York.

The basic approach to the use of neural networks is to start with an untrained network, present a training pattern to the input layer, and to pass signals through the net and determine the output at the output layer. These outputs are then compared to the target values; any difference corresponds to an error. This error or criterion function is some scalar function of the weights and is minimized when the network outputs match the desired outputs. Thus, the weights are adjusted to reduce this measure of error. For regression, this error can be sum-of-squared errors. For classification, this error can be either squared error or cross-entropy (deviation). See, e.g., Hastie et al., 2001, The Elements of Statistical Learning, Springer-Verlag, New York.

Three commonly used training protocols are stochastic, batch, and on-line. In stochastic training, patterns are chosen randomly from the training set and the network weights are updated for each pattern presentation. Multilayer nonlinear networks trained by gradient descent methods such as stochastic back-propagation perform a maximum-likelihood estimation of the weight values in the classifier defined by the network topology. In batch training, all patterns are presented to the network before learning takes place. Typically, in batch training, several passes are made through the training data. In online training, each pattern is presented once and only once to the net.

In some embodiments, consideration is given to starting values for weights. If the weights are near zero, then the operative part of the sigmoid commonly used in the hidden layer of a neural network (see, e.g., Hastie et al., 2001, The Elements of Statistical Learning, Springer-Verlag, New York) is roughly linear, and hence the neural network collapses into an approximately linear classifier. In some embodiments, starting values for weights are chosen to be random values near zero. Hence the classifier starts out nearly linear, and becomes nonlinear as the weights increase. Individual units localize to directions and introduce nonlinearities where needed. Use of exact zero weights leads to zero derivatives and perfect symmetry, and the algorithm never moves. Alternatively, starting with large weights often leads to poor solutions.

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Since the scaling of inputs determines the effective scaling of weights in the bottom layer, it can have a large effect on the quality of the final solution. Thus, in some embodiments, at the outset all expression values are standardized to have mean zero and a standard deviation of one. This ensures all inputs are treated equally in the regularization process, and allows one to choose a meaningful range for the random starting weights. With standardization inputs, it is typical to take random uniform weights over the range [-0.7, +0.7].

A recurrent problem in the use of three-layer networks is the optimal number of hidden units to use in the network. The number of inputs and outputs of a three-layer network are determined by the problem to be solved. In embodiments of the present invention, the number of inputs for a given neural network can, in some embodiments, equal the number of molecular markers selected in the corresponding instance of step 214. In other embodiments, for each input, two or more molecular markers will be selected (for example wherein ratios of genes (A/B) are utilized. The number of outputs for the neural network will typically be just one (ie wherein the ouput neuron is one dimensional e.g. health vs. disease). If there are additional input dimensions, new additional output neurons may be created. In some embodiments more than one output is used so that more than just two states can be defined by the network. If too many hidden units are used in a neural network, the network will have too many degrees of freedom and is trained too long, there is a danger that the network will overfit the data. If there are too few hidden units, the training set cannot be learned. Generally speaking, however, it is better to have too many hidden units than too few. With too few hidden units, the classifier might not have enough flexibility to capture the nonlinearities in the data; with too many hidden units, the extra weight can be shrunk towards zero if appropriate regularization or pruning, as described

below, is used. In typical embodiments, the number of hidden units in somewhere in the range of 5 to 100, with the number increasing with the number of inputs and number of training cases.

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One general approach to determining the number of hidden units to use is to apply a regularization approach. In the regularization approach, a new criterion function is constructed that depends not only on the classical training error, but also on classifier complexity. Specifically, the new criterion function penalizes highly complex classifiers; searching for the minimum in this criterion is to balance error on the training set with error on the training set plus a regularization term, which expresses constraints or desirable properties of solutions:

$$J = J_{pat} + \lambda J_{reg}.$$

The parameter  $\lambda$  is adjusted to impose the regularization more or less strongly. In other words, larger values for  $\lambda$  will tend to shrink weights towards zero: typically cross-validation with a validation set is used to estimate  $\lambda$ . This validation set can be obtained by setting aside a random subset of the population measured in step 202 of Fig. 2A. Other forms of penalty have been proposed, for example the weight elimination penalty (see, e.g., Hastie et al., 2001, The Elements of Statistical Learning, Springer-Verlag, New York).

Another approach to determine the number of hidden units to use is to eliminate - prune - weights that are least needed. In one approach, the weights with the smallest magnitude are eliminated (set to zero). Such magnitude-based pruning can work, but is nonoptimal; sometimes weights with small magnitudes are important for learning and training data. In some embodiments, rather than using a magnitude-based pruning approach, Wald statistics are computed. The fundamental idea in Wald Statistics is that they can be used to estimate the importance of a hidden unit (weight) in a classifier. Then, hidden units having the least importance are eliminated (by setting their input and output weights to zero). Two algorithms in this regard are the *Optimal Brain Damage* (OBD) and the *Optimal Brain Surgeon* (OBS) algorithms that use second-order approximation to predict how the training error depends upon a weight, and eliminate the weight that leads to the smallest increase in training error.

Optimal Brain Damage and Optimal Brain Surgeon share the same basic approach of training a network to local minimum error at weight  $\mathbf{w}$ , and then pruning a weight that leads to the smallest increase in the training error. The predicted functional increase in the error for a change in full weight vector  $\delta \mathbf{w}$  is:

$$\delta J = \left(\frac{\partial J}{\partial w}\right)' \cdot \delta w + \frac{1}{2} \delta w' \cdot \frac{\partial^2 J}{\partial w^2} \cdot \delta w + O(\|\delta w\|^3)$$

where  $\frac{\partial^2 J}{\partial w^2}$  is the Hessian matrix. The first term vanishes because we are at a local minimum in error; third and higher order terms are ignored. The general solution for minimizing this function given the constraint of deleting one weight is:

$$\delta w = -\frac{w_q}{\left[\mathbf{H}^{-1}\right]_{qq}} \mathbf{H}^{-1} \cdot u_q \qquad L_q = \frac{1}{2} - \frac{w_q^2}{\left[\mathbf{H}^{-1}\right]_{qq}}$$

Here,  $u_q$  is the unit vector along the qth direction in weight space and  $L_q$  is approximation to the saliency of the weight q - the increase in training error if weight q is pruned and the other weights updated  $\delta w$ . These equations require the inverse of H. One method to calculate this inverse matrix is to start with a small value,  $H_0^{-1} = \alpha^{-1}I$ , where  $\alpha$  is a small parameter - effectively a weight constant. Next the matrix is updated with each pattern according to

$$\mathbf{H}_{m+1}^{-1} = \mathbf{H}_{m}^{-1} - \frac{\mathbf{H}_{m}^{-1} \mathbf{X}_{m+1} \mathbf{X}_{m+1}^{T} \mathbf{H}_{m}^{-1}}{\frac{n}{a_{m}} + \mathbf{X}_{m+1}^{T} \mathbf{H}_{m}^{-1} \mathbf{X}_{m+1}}$$
Eqn. 1

where the subscripts correspond to the pattern being presented and  $a_m$  decreases with m. After the full training set has been presented, the inverse Hessian matrix is given by  $H^{-1} = H_n^{-1}$ . In algorithmic form, the Optimal Brain Surgeon method is: begin initialize  $n_H$ ,  $\mathbf{w}$ ,  $\theta$ 

train a reasonably large network to minimum error do compute  $\mathbf{H}^{-1}$  by Eqn. 1

$$q^* \leftarrow \arg \min_{q} w_q^2 / (2[H^{-1}]_{qq})$$
 (saliency  $L_q$ )

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$$\mathbf{w} \leftarrow \mathbf{w}^{-} \frac{w_{q}}{[H^{-1}]} H^{-1} e_{q} \cdot \text{ (saliency L}_{q})$$

until  $J(\mathbf{w}) > \theta$ 

return w

end

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The Optimal Brain Damage method is computationally simpler because the calculation of the inverse Hessian matrix in line 3 is particularly simple for a diagonal matrix. The above algorithm terminates when the error is greater than a criterion initialized to be  $\theta$ . Another approach is to change line 6 to terminate when the change in  $J(\mathbf{w})$  due to elimination of a weight is greater than some criterion value.

In some embodiments, the back-propagation neural network (see, for example Abdi, 1994, "A neural network primer", J. Biol System. 2, 247-283) containing a single hidden layer of ten neurons (ten hidden units) found in EasyNN-Plus version 4.0g software package (Neural Planner Software Inc.) is used. In one specific example, parameter values within the EasyNN-Plus program were set as follows: learning parameter = 0.6, and momentum parameter = 0.8. In some embodiments in which the EasyNN-Plus version 4.0g software package is used, "outlier" samples are identified by performing twenty independently-seeded trials involving 20,000 learning cycles each.

#### 5.14.3 CLUSTERING

In some embodiments, the expression values for select genes are used to cluster a training set. For example, consider the case in which ten genes are used. Each member **m** of the training population will have expression values for each of the ten genes. Such values from a member **m** in the training population define the vector:

	Υ.	$\mathbf{X}_{2}$	l Ya	I X.	Y.	V.	v	V	V	37	1
	-^-lm	∠12m	A3m	-^~4m	_^_5m	-7-6m	-^27m	$\Lambda_{8m}$	$\lambda_{9m}$	$X_{10m}$	1
		i		ŀ		l :		T	·	10	1

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where  $X_{im}$  is the expression level of the  $i^{th}$  gene in organism m. If there are m organisms in the training set, selection of i genes will define m vectors. Note that the methods of the present invention do not require that each expression value of every single gene used in the vectors be represented in every single vector m. In other words, data from a subject in which one of the  $i^{th}$  genes is not found can still be used for clustering. In such instances, the missing expression value is assigned either a "zero" or some other normalized value. In some embodiments, prior to clustering, the gene expression values are normalized to have a mean value of zero and unit variance.

Those members of the training population that exhibit similar expression patterns across the training group will tend to cluster together. A particular combination of genes of the present invention is considered to be a good classifier in this aspect of the invention when the vectors cluster into the trait groups found in the training population. For instance, if the training population includes patients with no osteoarthritis, mild

osteoarthritis, moderate osteoarthritis, marked osteoarthritis, and severe osteoarthritis an ideal clustering classifier will cluster the population into five groups, with each group uniquely representing either absence or one of the four stages of osteoarthritis. In some embodiments, the clustering classifier simply clusters the population into a first subgroup (a first cluster) that does not have osteoarthritis and a second subgroup (a second cluster) that has osteoarthritis. In some embodiments, the classifier clusters the data into a first subgroup that has a particular stage of osteoarthritis (e.g., mild) and two or more subgroups that do not include subjects having the particular stage of osteoarthritis represented in the first subgroup.

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Clustering is described on pages 211-256 of Duda and Hart, *Pattern Classification and Scene Analysis*, 1973, John Wiley & Sons, Inc., New York. As described in Section 6.7 of Duda, the clustering problem is described as one of finding natural groupings in a dataset. To identify natural groupings, two issues are addressed. First, a way to measure similarity (or dissimilarity) between two samples is determined. This metric (similarity measure) is used to ensure that the samples in one cluster are more like one another than they are to samples in other clusters. Second, a mechanism for partitioning the data into clusters using the similarity measure is determined.

Similarity measures are discussed in Section 6.7 of Duda, where it is stated that one way to begin a clustering investigation is to define a distance function and to compute the matrix of distances between all pairs of samples in a dataset. If distance is a good measure of similarity, then the distance between samples in the same cluster will be significantly less than the distance between samples in different clusters. However, as stated on page 215 of Duda, clustering does not require the use of a distance metric. For example, a nonmetric similarity function s(x, x') can be used to compare two vectors x and x'. Conventionally, s(x, x') is a symmetric function whose value is large when x and x' are

Conventionally, s(x, x') is a symmetric function whose value is large when x and x' are somehow "similar". An example of a nonmetric similarity function s(x, x') is provided on page 216 of Duda.

Once a method for measuring "similarity" or "dissimilarity" between points in a dataset has been selected, clustering requires a criterion function that measures the clustering quality of any partition of the data. Partitions of the data set that extremize the criterion function are used to cluster the data. See page 217 of Duda. Criterion functions are discussed in Section 6.8 of Duda.

More recently, Duda et al., Pattern Classification, 2<sup>nd</sup> edition, John Wiley & Sons, Inc. New York, has been published. Pages 537-563 describe clustering in detail. More

information on clustering techniques can be found in Kaufman and Rousseeuw, 1990, Finding Groups in Data: An Introduction to Cluster Analysis, Wiley, New York, NY; Everitt, 1993, Cluster analysis (3d ed.), Wiley, New York, NY; and Backer, 1995, Computer-Assisted Reasoning in Cluster Analysis, Prentice Hall, Upper Saddle River, New Jersey. Particular exemplary clustering techniques that can be used in the present invention include, but are not limited to, hierarchical clustering (agglomerative clustering using nearest-neighbor algorithm, farthest-neighbor algorithm, the average linkage algorithm, the centroid algorithm, or the sum-of-squares algorithm), k-means clustering, fuzzy k-means clustering algorithm, and Jarvis-Patrick clustering.

## 5.14.4 PRINCIPAL COMPONENT ANALYSIS

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Principal component analysis (PCA) has been proposed to analyze gene expression data. Principal component analysis is a classical technique to reduce the dimensionality of a data set by transforming the data to a new set of variable (principal components) that summarize the features of the data. See, for example, Jolliffe, 1986, *Principal Component Analysis*, Springer, New York. Principal components (PCs) are uncorrelate and are ordered such that the  $k^{th}$  PC has the  $k^{th}$  largest variance among PCs. The  $k^{th}$  PC can be interpreted as the direction that maximizes the variation of the projections of the data points such that it is orthogonal to the first k-1 PCs. The first few PCs capture most of the variation in the data set. In contrast, the last few PCs are often assumed to capture only the residual 'noise' in the data.

PCA can also be used to create a classifier in accordance with the present invention. In such an approach, vectors for the select genes described in the present invention can be constructed in the same manner described for clustering above. In fact, the set of vectors, where each vector represents the expression values for the select genes from a particular member of the training population, can be considered a matrix. In some embodiments, this matrix is represented in a Free-Wilson method of qualitative binary description of monomers (Kubinyi, 1990, 3D QSAR in drug design theory methods and applications, Pergamon Press, Oxford, pp 589-638), and distributed in a maximally compressed space using PCA so that the first principal component (PC) captures the largest amount of variance information possible, the second principal component (PC) captures the second largest amount of all variance information, and so forth until all variance information in the matrix has been accounted for.

Then, each of the vectors (where each vector represents a member of the training population) is plotted. Many different types of plots are possible. In some embodiments, a

one-dimensional plot is made. In this one-dimensional plot, the value for the first principal component from each of the members of the training population is plotted. In this form of plot, the expectation is that members of a first subgroup (e.g. those subjects that do not have osteoarithritis) will cluster in one range of first principal component values and members of a second subgroup (e.g., those subjects that have osteoarthritis) will cluster in a second range of first principal component values.

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In one ideal example, the training population comprises two subgroups: "control" and "patients with osteoarthritis." The first principal component is computed using the molecular marker expression values for the select genes of the present invention across the entire training population data set. Then, each member of the training set is plotted as a function of the value for the first principal component. In this ideal example, those members of the training population in which the first principal component is positive are the "responders" and those members of the training population in which the first principal component is negative are "patients with osteoarthritis."

In some embodiments, the members of the training population are plotted against more than one principal component. For example, in some embodiments, the members of the training population are plotted on a two-dimensional plot in which the first dimension is the first principal component and the second dimension is the second principal component. In such a two-dimensional plot, the expectation is that members of each subgroup represented in the training population will cluster into discrete groups. For example, a first cluster of members in the two-dimensional plot will represent subjects with mild osteoarthritis, a second cluster of members in the two-dimensional plot will represent subjects with moderate osteoarthritis, and so forth.

In some embodiments, the members of the training population are plotted against more than two principal components and a determination is made as to whether the members of the training population are clustering into groups that each uniquely represents a subgroup found in the training population. In some embodiments, principal component analysis is performed by using the *R mva* package (Anderson, 1973, *Cluster Analysis for applications*, Academic Press, New York 1973; Gordon, *Classification*, Second Edition, Chapman and Hall, CRC, 1999.). Principal component analysis is further described in Duda, *Pattern Classification*, Second Edition, 2001, John Wiley & Sons, Inc.

## 5.14.5 NEAREST NEIGHBOR CLASSIFIER ANALYSIS

Nearest neighbor classifiers are memory-based and require no classifier to be fit. Given a query point  $x_0$ , the k training points  $x_{(r)}$ , r, ..., k closest in distance to  $x_0$  are

identified and then the point  $x_0$  is classified using the k nearest neighbors. Ties can be broken at random. In some embodiments, Euclidean distance in feature space is used to determine distance as:

$$d_{(i)} = \left\| x_{(i)} - x_{\mathbf{o}} \right\|$$

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Typically, when the nearest neighbor algorithm is used, the expression data used to compute the linear discriminant is standardized to have mean zero and variance 1. In the present invention, the members of the training population are randomly divided into a training set and a test set. For example, in one embodiment, two thirds of the members of the training population are placed in the training set and one third of the members of the training population are placed in the test set. A select combination of genes described in the present invention represents the feature space into which members of the test set are plotted. Next, the ability of the training set to correctly characterize the members of the test set is computed. In some embodiments, nearest neighbor computation is performed several times for a given combination of genes of the present invention. In each iteration of the computation, the members of the training population are randomly assigned to the training set and the test set. Then, the quality of the combination of genes is taken as the average of each such iteration of the nearest neighbor computation.

The nearest neighbor rule can be refined to deal with issues of unequal class priors, differential misclassification costs, and feature selection. Many of these refinements involve some form of weighted voting for the neighbors. For more information on nearest neighbor analysis, see Duda, *Pattern Classification*, Second Edition, 2001, John Wiley & Sons, Inc; and Hastie, 2001, *The Elements of Statistical Learning*, Springer, New York.

# 5.14.6 LINEAR DISCRIMINANT ANALYSIS

Linear discriminant analysis (LDA) attempts to classify a subject into one of two categories based on certain object properties. In other words, LDA tests whether object attributes measured in an experiment predict categorization of the objects. LDA typically requires continuous independent variables and a dichotomous categorical dependent variable. In the present invention, the expression values for the select combinations of genes described in the present invention across a subset of the training population serve as the requisite continuous independent variables. The trait subgroup classification of each of the members of the training population serves as the dichotomous categorical dependent variable.

LDA seeks the linear combination of variables that maximizes the ratio of between-group variance and within-group variance by using the grouping information. Implicitly, the linear weights used by LDA depend on how the expression of a molecular marker across the training set separates in the two groups (e.g., a group that has osteoarthritis and a group that does not have osteoarthritis) and how this gene expression correlates with the expression of other genes. In some embodiments, LDA is applied to the data matrix of the N members in the training sample by K genes in a combination of genes described in the present invention. Then, the linear discriminant of each member of the training population is plotted. Ideally, those members of the training population representing a first subgroup (e.g. those subjects that do not have osteoarthritis) will cluster into one range of linear discriminant values (e.g., negative) and those member of the training population representing a second subgroup (e.g. those subjects that have osteoarthritis) will cluster into a second range of linear discriminant values (e.g., positive). The LDA is considered more successful when the separation between the clusters of discriminant values is larger. For more information on linear discriminant analysis, see Duda, Pattern Classification, Second Edition, 2001, John Wiley & Sons, Inc; and Hastie, 2001, The Elements of Statistical Learning, Springer, New York; Venables & Ripley, 1997, Modern Applied Statistics with s-plus, Springer, New York.

## 5.14.7 QUADRATIC DISCRIMINANT ANALYSIS

Quadratic discriminant analysis (QDA) takes the same input parameters and returns the same results as LDA. QDA uses quadratic equations, rather than linear equations, to produce results. LDA and QDA are interchangeable, and which to use is a matter of preference and/or availability of software to support the analysis. Logistic regression takes the same input parameters and returns the same results as LDA and QDA.

## **5.14.8 SUPPORT VECTOR MACHINES**

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In some embodiments of the present invention, support vector machines (SVMs) are used to classify subjects using genesor genetic information. SVMs are a relatively new type of learning algorithm. See, for example, Cristianini and Shawe-Taylor, 2000, An Introduction to Support Vector Machines, Cambridge University Press, Cambridge, Boser et al., 1992, "A training algorithm for optimal margin classifiers, in Proceedings of the 5<sup>th</sup> Annual ACM Workshop on Computational Learning Theory, ACM Press, Pittsburgh, PA, pp. 142-152; Vapnik, 1998, Statistical Learning Theory, Wiley, New York. When used for classification, SVMs separate a given set of binary labeled training data with a hyper-

plane that is [a maximal distance from each point using a fitting algorithm. For cases in which no linear separation is possible, SVMs can work in combination with the technique of 'kernels', which automatically realizes a non-linear mapping to a feature space. The hyper-plane found by the SVM in feature space corresponds to a non-linear decision boundary in the input space.

In one approach, when a SVM is used, the gene expression data is standardized to have mean zero and unit variance and the members of a training population are randomly divided into a training set and a test set. For example, in one embodiment, two thirds of the members of the training population are placed in the training set and one third of the members of the training population are placed in the test set. The expression values for a combination of genes is used to train the SVM. Then the ability for the trained SVM to correctly classify members in the test set is determined. In some embodiments, this computation is performed several times for a given combination of molecular markers. In each iteration of the computation, the members of the training population are randomly assigned to the training set and the test set. Then, the quality of the combination of molecular markers is taken as the average of each such iteration of the SVM computation. For more information on SVMs, see Duda, *Pattern Classification*, Second Edition, 2001, John Wiley & Sons, Inc.; Hastie, 2001, *The Elements of Statistical Learning*, Springer, New York; and Furey *et al.*, 2000, Bioinformatics 16, 906-914.

## 5.14.9 DECISION TREES

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In some embodiments of the present invention, decision trees are used to classify subjects using expression data for combinations of genes. Decision tree algorithms belong to the class of supervised learning algorithms. The aim of a decision tree is to induce a classifier (a tree) from real-world example data. This tree can be used to classify unseen examples which have not been used to derive the decision tree.

A decision tree is derived from training data. An example contains values for the different attributes and what class the example belongs. In the present invention, the training data is expression data for a combination of genes across the training population.

The following algorithm describes a decision tree derivation: Tree(Examples, Class, Attributes)

Create a root node

If all Examples have the same Class value, give the root this label Else if Attributes is empty label the root according to the most common value Else begin Calculate the information gain for each attribute

Select the attribute A with highest information gain and make this the root attribute

For each possible value, v, of this attribute

Add a new branch below the root, corresponding to A = v

Let Examples(v) be those examples with A = v

If Examples(v) is empty, make the new branch a leaf node labeled with the most common value among Examples

Else let the new branch be the tree created by

Tree(Examples(v), Class, Attributes - {A})

end

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A more detailed description of the calculation of information gain is shown in the following. If the possible classes  $v_i$  of the examples have probabilities  $P(v_i)$  then the information content  $\bar{I}$  of the actual answer is given by:

$$I(P(v_1),...,P(v_n)) = \sum_{i=1}^{n} -P(v_i)\log_2 P(v_i)$$

The I- value shows how much information we need in order to be able to describe the outcome of a classification for the specific dataset used. Supposing that the dataset contains p positive (e.g. has osteoarthritis) and n negative (e.g. healthy) examples (e.g. individuals), the information contained in a correct answer is:

$$I(\frac{p}{p+n}, \frac{n}{p+n}) = -\frac{p}{p+n} \log_2 \frac{p}{p+n} - \frac{n}{p+n} \log_2 \frac{n}{p+n}$$

where log<sub>2</sub> is the logarithm using base two. By testing single attributes the amount of information needed to make a correct classification can be reduced. The remainder for a specific attribute A (e.g. a gene) shows how much the information that is needed can be reduced.

Re mainder(A) = 
$$\sum_{i=1}^{\nu} \frac{p_i + n_i}{p + n} I(\frac{p_i}{p_i + n_i}, \frac{n_i}{p_i + n_i})$$

"v" is the number of unique attribute values for attribute A in a certain dataset, "i" is a certain attribute value, "p<sub>i</sub>" is the number of examples for attribute A where the

classification is positive (e.g. cancer), "n<sub>i</sub>" is the number of examples for attribute A where the classification is negative (e.g. healthy).

The information gain of a specific attribute A is calculated as the difference between the information content for the classes and the remainder of attribute A:

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$$Gain(A) = I(\frac{p}{p+n}, \frac{n}{p+n}) - Re \ mainder(A)$$

The information gain is used to evaluate how important the different attributes are for the classification (how well they split up the examples), and the attribute with the highest information.

In general there are a number of different decision tree algorithms, many of which are described in Duda, *Pattern Classification*, Second Edition, 2001, John Wiley & Sons, Inc. Decision tree algorithms often require consideration of feature processing, impurity measure, stopping criterion, and pruning. Specific decision tree algorithms include, cut are not limited to classification and regression trees (CART), multivariate decision trees, ID3, and C4.5.

In one approach, when a decision tree is used, the gene expression data for a select combination of genes described in the present invention across a training population is standardized to have mean zero and unit variance. The members of the training population are randomly divided into a training set and a test set. For example, in one embodiment, two thirds of the members of the training population are placed in the training set and one third of the members of the training population are placed in the test set. The expression values for a select combination of genes described in the present invention is used to construct the decision tree. Then, the ability for the decision tree to correctly classify members in the test set is determined. In some embodiments, this computation is performed several times for a given combination of molecular markers. In each iteration of the computation, the members of the training population are randomly assigned to the training set and the test set. Then, the quality of the combination of molecular markers is taken as the average of each such iteration of the decision tree computation.

## 5.14.10 EVOLUTIONARY METHODS

Inspired by the process of biological evolution, evolutionary methods of classifier design employ a stochastic search for an optimal classifier. In broad overview, such methods create several classifiers - a population - from a combination of genes described

in the present invention. Each classifier varies somewhat from the other. Next, the classifiers are scored on expression data across the training population. In keeping with the analogy with biological evolution, the resulting (scalar) score is sometimes called the fitness. The classifiers are ranked according to their score and the best classifiers are retained (some portion of the total population of classifiers). Again, in keeping with biological terminology, this is called survival of the fittest. The classifiers are stochastically altered in the next generation - the children or offspring. Some offspring classifiers will have higher scores than their parent in the previous generation, some will have lower scores. The overall process is then repeated for the subsequent generation: The classifiers are scored and the best ones are retained, randomly altered to give yet another generation, and so on. In part, because of the ranking, each generation has, on average, a slightly higher score than the previous one. The process is halted when the single best classifier in a generation has a score that exceeds a desired criterion value. More information on evolutionary methods is found in, for example, Duda, Pattern Classification, Second Edition, 2001, John Wiley & Sons, Inc.

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# 5.14.11 BAGGING, BOOSTING AND THE RANDOM SUBSPACE METHOD

Bagging, boosting and the random subspace method are combining techniques that can be used to improve weak classifiers. These techniques are designed for, and usually applied to, decision trees. In addition, Skurichina and Duin provide evidence to suggest that such techniques can also be useful in linear discriminant analysis.

In bagging, one samples the training set, generating random independent bootstrap replicates, constructs the classifier on each of these, and aggregates them by a simple majority vote in the final decision rule. See, for example, Breiman, 1996, Machine Learning 24, 123-140; and Efron & Tibshirani, An Introduction to Boostrap, Chapman & Hall, New York, 1993.

In boosting, classifiers are constructed on weighted versions of the training set, which are dependent on previous classification results. Initially, all objects have equal weights, and the first classifier is constructed on this data set. Then, weights are changed according to the performance of the classifier. Erroneously classified objects (molecular markers in the data set) get larger weights, and the next classifier is boosted on the reweighted training set. In this way, a sequence of training sets and classifiers is obtained, which is then combined by simple majority voting or by weighted majority voting in the

final decision. See, for example, Freund & Schapire, "Experiments with a new boosting algorithm," Proceedings 13<sup>th</sup> International Conference on Machine Learning, 1996, 148-156.

To illustrate boosting, consider the case where there are two trait extremes exhibited by the population under study, extreme phenotype 1 (e.g., severe osteoarthritis), and extreme phenotype 2 (e.g., no osteoarthritis). Given a vector of predictor molecular marker X selected in step 214, a classifier G(X) produces a prediction taking one of the type values in the two value set:{extreme phenotype 1, extreme phenotype 2}. The error rate on the training sample is

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$$\overline{\operatorname{err}} = \frac{1}{N} \sum_{i=1}^{N} I(y_i \neq G(x_i))$$

where N is the number of subjects in the training set (the sum total of the subjects that have either extreme phenotype 1 or extreme phenotype 2). For example, if there are 49 organisms that have severe osteoarthritis and 72 organisms that have no osteoarthritis under study, N is 121.

A weak classifier is one whose error rate is only slightly better than random guessing. In the boosting algorithm, the weak classification algorithm is repeatedly applied to modified versions of the data, thereby producing a sequence of weak classifiers  $G_m(x)$ , m, = 1, 2, ..., M. The predictions from all of the classifiers in this sequence are then combined through a weighted majority vote to produce the final prediction:

$$G(x) = sign\left(\sum_{m=1}^{M} \alpha_m G_m(x)\right)$$

Here  $\alpha_1$ ,  $\alpha_2$ , ...,  $\alpha_M$  are computed by the boosting algorithm and their purpose is to weigh the contribution of each respective  $G_m(x)$ . Their effect is to give higher influence to the more accurate classifiers in the sequence.

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The data modifications at each boosting step consist of applying weights  $w_1, w_2, ..., w_n$  to each of the training observations  $(x_i, y_i)$ , i = 1, 2, ..., N. Initially all the weights are set to  $w_i = 1/N$ , so that the first step simply trains the classifier on the data in the usual manner. For each successive iteration m = 2, 3, ..., M the observation weights are individually modified and the classification algorithm is reapplied to the weighted observations. At stem m, those observations that were misclassified by the classifier  $G_m$ .

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1(x) induced at the previous step have their weights increased, whereas the weights are decreased for those that were classified correctly. Thus as iterations proceed, observations that are difficult to correctly classify receive ever-increasing influence. Each successive classifier is thereby forced to concentrate on those training observations that are missed by previous ones in the sequence.

The exemplary boosting algorithm is summarized as follows:

- 1. Initialize the observation weights  $w_i = 1/N$ , i = 1, 2, ..., N.
  - 2. For m = 1 to M:
  - (a) Fit a classifier  $G_m(x)$  to the training set using weights  $w_i$ .
  - (b) Compute

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$$err_{m} = \frac{\sum_{i=1}^{N} w_{i} I(y_{i} \neq G_{m}(x_{i}))}{\sum_{i=1}^{N} w_{i}}$$

- (c) Compute  $\alpha_m = \log((1 \text{err}_m)/\text{err}_m)$ .
- (d) Set  $w_i \leftarrow w_i \cdot \exp[\alpha_m \cdot I(y_i \neq G_m(x_i))], i = 1, 2, ..., N$ .

15 3. Output 
$$G(x) = \text{sign} \left[ \sum_{m=1}^{M} \alpha_m G_m(x) \right]$$

In the algorithm, the current classifier  $G_m(x)$  is induced on the weighted observations at line 2a. The resulting weighted error rate is computed at line 2b. Line 2c calculates the weight  $\alpha_m$  given to  $G_m(x)$  in producing the final classifier G(x) (line 3). The individual weights of each of the observations are updated for the next iteration at line 2d. Observations misclassified by  $G_m(x)$  have their weights scaled by a factor  $\exp(\alpha_m)$ , increasing their relative influence for inducing the next classifier  $G_{m+1}(x)$  in the sequence. In some embodiments, modifications of the Freund and Schapire, 1997, Journal of Computer and System Sciences 55, pp. 119-139, boosting method are used. See, for example, Hasti et al., The Elements of Statistical Learning, 2001, Springer, New York, Chapter 10. In some embodiments, boosting or adaptive boosting methods are used.

In some embodiments, modifications of Freund and Schapire, 1997, Journal of Computer and System Sciences 55, pp. 119-139, are used. For example, in some embodiments, feature preselection is performed using a technique such as the nonparametric scoring methods of Park et al., 2002, Pac. Symp. Biocomput. 6, 52-63.

Feature preselection is a form of dimensionality reduction in which the genes that discriminate between classifications the best are selected for use in the classifier. Then, the LogitBoost procedure introduced by Friedman et al., 2000, Ann Stat 28, 337-407 is

used rather than the boosting procedure of Freund and Schapire. In some embodiments, the boosting and other classification methods of Ben-Dor et al., 2000, Journal of Computational Biology 7, 559-583 are used in the present invention. In some embodiments, the boosting and other classification methods of Freund and Schapire, 1997, Journal of Computer and System Sciences 55, 119-139, are used.

In the random subspace method, classifiers are constructed in random subspaces of the data feature space. These classifiers are usually combined by simple majority voting in the final decision rule. See, for example, Ho, "The Random subspace method for constructing decision forests," IEEE Trans Pattern Analysis and Machine Intelligence, 1998; 20(8): 832–844.

### 5.14.12 OTHER MATHEMATICAL MODELS

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The pattern classification and statistical techniques described above are merely examples of the types of classifiers that can be used to construct a classifier. Moreover, combinations of the techniques described above can be used. Some combinations, such as the use of the combination of decision trees and boosting, have been described. However, many other combinations are possible. In addition, other techniques in the art such as Projection Pursuit and Weighted Voting can be used to construct classifiers in instances of step 216.

### 5.15 IMPLEMENTING THE INVENTION

The present invention provides methods and systems for screening molecular markers to identify classifiers and/or for identifying classifiers for a trait and allows for the configuration of classifiers based on combinations of a large number of molecular markers. The invention provides a selection process for reducing the potential large number of candidate molecular markers and/or combinations thereof down to a manageable number which can be evaluated in one or more mathematical models to derive one or more classifiers.

Some embodiments of the invention are preferably implemented on a computer system having a processor and a memory unit. The embodiments may be implemented as one or more software programs operating on a general purpose computer, such as a personal computer or workstation, or as dedicated special purpose hardware components. The invention allows for an identification of classifiers while reducing the system requirements. It provides techniques for consideration of a large number of potential

molecular markers in the classifier identification process with limited memory and computational requirements.

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Some embodiments of the invention provide a data-driven selection of a subset of the candidate molecular markers based on their discrimination ability. Thus, it becomes possible to start out with a large group of potentially interesting molecular markers and to automatically prune the set of candidate molecular markers so that the computer system can handle the classifier identification process more efficiently, i.e. within less processing time and less memory space. This becomes more important as combinations of the molecular markers are generated in the classifier identification process and mathematical models are applied to each combination to derive classifiers, which may be a computationally expensive process, in particular when iterative techniques are applied, such as clustering, decision trees, neural networks, or evolutionary methods. Since the possible number of combinations grows almost exponentially with the number of candidate molecular markers, the processing time for the classifier evaluation become a serious problem. The pruning of candidate molecular markers allows for the consideration of two, three, four and more combinations of candidate molecular markers as basis for the classifiers. It enables the evaluation of a large number of classifiers based on molecular markers showing a promising discrimination ability and supersedes a computer resource consuming evaluation of classifiers based on molecular markers which are likely not contributing to the final trait discrimination. Thus, the invention can be implemented on a computer having less computational power and memory while the quality of the derived classifiers is maintained. On the other hand, the invention allows for the consideration of more molecular markers, which are potentially interesting for a given application (trait), with the same available system resources resulting in a possible higher classification accuracy for the derived classifiers.

The invention further provides a data-driven selection of the derived classifiers to remove classifiers and/or molecular markers which do not significantly contribute to the trait discrimination in the later application phase. This automatic pruning step evaluates the discrimination power of the individual classifiers to reduce the necessary system requirements of a diagnostic system applying the selected classifiers for the wide variety of possible medical applications. Thus, a diagnostic system configured with the identified classifiers needs less computational power and memory and may be implemented on a smaller, less expensive device. This becomes more important when the applied mathematical models are more complex and powerful. Examples of complex classifiers are

described in section 5.14 of this description and include, e.g. neural networks, nearest neighbor classifiers, decision tress, etc. The invention enables the operation of optimized combinations of complex classifiers on diagnostic devises with limited resources.

### 5.16 EMBODIMENTS OF THE INVENTION

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### 6. EXAMPLES

Computer systems, computer program products, methods, and kits for providing health care have been disclosed. What follows are select examples that illustrate the utility and value of the present invention.

## 6.1 EVALUATING OSTEOARTHRITIS CLASSIFIERS USING ROC CURVES

This example demonstrates the use of an embodiment of the invention to identify individuals with mild osteoarthritis. Osteoarthritis is a form of degenerative joint disease that involves the deterioration of and changes to the cartilage and bone. In response to inflammation in and about the joint, the body responds with bony recalcification around the joint structure. This process can be slow and gradual with minimal outward symptoms, or more rapidly progressive with significant pain and discomfort. Arthritic changes can occur in response to infection and injury of the joint as well.

Step 202 - generation of a training population.

Blood samples were taken from 44 test individuals not having any symptoms of osteoarthritis and 50 individuals having mild osteoarthritis using the methods described in Section 5.2. A molecular marker profile resulting in data for molecular marker products of the entire human genome was measured from each of these samples. This gene expression profile data together with knowledge of which subjects have osteoarthritis and which do not constitutes the training population 44. The 44 test individuals that do not have any symptoms of osteoarthritis constitute one trait subgroup within the training population and the 50 individuals having mild osteoarthritis constitute another trait subgroup within the training population.

Steps 204-218.

The training population collected in step 202 was used in order to identify combinations of genes that can serve as a classifier to differentiate mild osteoarthritis from non-osteoarthritis. Thus, the classifiers developed in this example are designed to yield a positive score when they predict that a subject has mild osteoarthritis and a negative score when they predict that the subject is in the control population. Using the approach

described in Section 5.1, two specific classifiers were developed: 100000252 and 100000511. Classifier 100000252 comprises six genes and has the format:

SCORE = -1.839 + 0.8\*HSPCA - 1.5525\*IKBKAP + 1.10184\*IL13RA1 + 0.78923\*LAMC1 - 1.3974\*MAFB + 1.0602\*PF4.

Classifier 100000511 comprises nine genes and has the format:

SCORE = -4.3754 + 0.10276\*EGR1 -1.1697\*G2AN + 0.88767\*HSPCA - 0.55785\*IKBKAP + 0.94015\*IL13RA1 + 0.67515\*LAMC1 - 1.5068\*MAFB + 1.0798\*PF4 + 0.4007\*TNFAIP6.

Here, EGR1, G2AN, HSPCA, IKBKAP, IL13RA1, LAMC1, MAFB, and TNFAIP6 are genes that were identified in step 204 and validated in step 208 (Section 5.1) for their ability to discriminate between subjects that have mild osteoarthritis and subjects that do not have osteoarthritis.

Step 220.

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To judge which classifier is more suitable as a classifier for mild osteoarthritis, a ROC curve was computed for both classifiers using the gene expression data from the 44 test individuals not having any symptoms of osteoarthritis and the 50 individuals having mild osteoarthritis. The results of the ROC computation are illustrated in Fig. 8. The area under each ROC was computed. From this computation, it was determined that the area under the ROC curve corresponding to classifier 100000252 was 0.863 whereas the area under the ROC curve corresponding to classifier 100000511 was 0.8169.

Step 224.

In some embodiments, a classifier can be constructed that includes both classifiers 100000252 and 100000511 using the voting methods described in Section 5.1. In alternative embodiments, classifier 100000252 is selected to serve as a classifier for mild osteoarthritis because it generated a larger area under the ROC curve corresponding to the classifier when tested against the training population.

# 6.2 IDENTIFIED MOLECULAR MARKERS AND MOLECULAR MARKER DATA MEASUREMENT TECHNIQUES

Molecular markers useful for input into one or more steps of the invention and techniques for measuring data values of such molecular markers, can be found in United States patent application serial No. 10/601,518, filed June 20, 2003, United States patent application serial No.10/802,875, filed March 12, 2004, United States patent application serial No. 10/809,675, filed March 25, 2004, United States patent application serial No. 10/268,730, filed October 9, 2002, United States patent application serial No. 09/477,148,

filed January 4, 2000, United States patent application serial No. 60/115,125, filed Jan. 6, 1999; and United States patent application serial No. 60/581,977, filed June 21, 2004 each of which is hereby incorporated herein by reference in its entirety.

## 6.3 CONSTRUCTION OF CLASSIFIERS FOR MANIC DEPRESSION SYNDROME

This example demonstrates the use of the claimed invention to identify biomarkers to differentiate manic depression syndrome from non manic depression syndrome and use of same. As used herein, "manic depression syndrome" (MDS) refers to a mood disorder characterized by alternating mania and depression.

Step 202.

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Blood samples were taken from patients who were diagnosed with manic depression as defined herein. In each case, the diagnosis of manic depression was corroborated by a skilled Board certified physician. Molecular marker data was measured for each of the molecular markers of the entire human genome using blood samples from individuals who were identified as having manic depression as described herein and ndividuals not having manic depression. Molecular marker data for both trait subgroups were compared and gene expression profiles for each trait subpopulation compared using commercially available GeneSpring<sup>TM</sup> softwares. Hybridizations to create the gene expression profiles were done using Affymetrix® GeneChip® platforms (U133A and U133 Plus 2.0) as described herein (data not shown). Samples from patients were clustered into two trait subgroups. The first trait subgroup included patients who have manic depression (i.e., control individuals).

Step 204.

The Wilcox Mann Whitney rank sum test was used to identify molecular marker data that could discriminate between the control and diseased trait subgroups with a p value of < 0.05.

Step 206.

Molecular markers were selected from those identified with p value of < 0.05 and the ability to discriminate between the control and diseased trait subgroups were confirmed using quantitative RT-PCR.

Steps 214-218.

Eight candidate molecular markers were chosen and an exhaustive analysis of all possible combinations of said molecular markers were considered. Molecular marker data

for each of the eight candidate molecular markers was obtained for each member of the training population and logistic regression applied to the molecular marker data so as to develop multiple classifiers. Each classifier was ranked on the basis of area under the curve and those classifiers with an ROC of greater than 0.9 chosen.

# 6.4 CONSTRUCTION OF CLASSIFIERS FOR PREDICTING RESPONSE TO TREATMENT

This example demonstrates the use of an embodiment of the invention to identify a classifier for predicting the response of a subject to treatment.

Step 202.

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Blood samples are taken from patients (for example patients with a disease) who are going to enter into treatment (for the disease), or who are already undergoing treatment, but at a timepoint before being able to determine how the patients will respond to treatment. In one embodiment, blood samples are taken from patientswho are about to enter into a clinical trial for a new treatment, or who are in the early stages of a clinical trial. Preferably blood samples are processed so as to preserve the RNA and/or the protein products of the molecular markers. More preferably the blood samples are processed immediately, within 1 hour, 2 hours, 3 hours, 4 hours, 5 hours, 6 hours, 10 hours, 12, hours, 18 hours or 24 hours from having taken the blood samples from the patients.

Subsequent to when the blood samples are taken, patients continue to be monitored for response to treatment using traditional diagnostic methods and grouped into trait subgroups on the basis of the response to treatment. For example, trait subgroups can include patients with a positive response and no negative side effects, patients with a positive response and mild side effects, patients with a negative response, patients with a toxic response, and the like. In some embodiments, the evaluation of response to treatment can take days, weeks, months or years. In some embodiments, data as described in step 202 of Section 5.1 and Section 5.3 is obtained upon processing of the blood sample. In other embodiments, data of step 202 is obtained only after a determination of response to treatment has been made. In all cases, molecular marker data is obtained from a blood sample taken at a timepoint prior to being able to determine response to treatment. Once trait subgroups are identified on the basis of response to treatment, gene expression profiles of blood samples of each trait subgroup are compared using GeneSpring™ software analysis. Hybridizations to create the gene expression profiles are done using Affymetrix® GeneChip® platforms (U133A and U133 Plus 2.0) platforms (U133A and U133 Plus 2.0) as described herein. Samples from patients are clustered into two trait

subgroups on the basis of the response to treatment. For example, one trait subgroup demonstrates a positive response to treatment whereas the second trait subgroup demonstrates a toxic response to treatment.

Step 204.

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The Wilcox Mann Whitney rank sum test is used to identify candidate molecular markers by identifying molecular marker data that discriminates between the response and non-response trait subgroups with a p value of < 0.05 to obtain candidate molecular markers.

Step 206.

Additional molecular marker data for the candidate molecular markers are obtained using quantitative RT-PCR. Some candidate molecular markers are removed at this point should the quantitative RT-PCR data not confirm the ability of each candidate molecular marker to discriminate as between the response trait subgroups.

Steps 214 - 218.

Candidate molecular marker combinations are chosen and an exhaustive analysis of all possible combinations of molecular markers are tested. To test all possible combinations of molecular markers, logistic regression is applied to the molecular marker data so as to develop multiple classifiers. Each classifier is ranked on the basis of area under the curve using the training population. Those classifiers ranking with an ROC area under curve of greater than 0.9 are further evaluated using a scoring population which is not the training population. Note that the blood samples used for the scoring population are obtained at the same time point as the blood samples used for the training population (e.g., at a time prior to being able to determine response to treatment).

# 6.5 CONSTRUCTION OF CLASSIFIERS FOR DETERMINING A TRAIT OF INTEREST

#### 6.5.1

This example demonstrates the selection of the composition of the training population and the trait subgroups of the training population so as to result in classifiers which are useful to predict disease.

Step 202.

In order to predict disease, blood samples are taken from patients at a time when said patients are disease free. Preferably blood samples are processed so as to preserve the

RNA and/or the protein products of all molecular markers of the entire genome of said individual. More preferably the blood samples are processed immediately, within 1 hour, 2 hours, 3 hours, 4 hours, 5 hours, 6 hours, 10 hours, 12, hours, 18 hours or 24 hours from having taken the blood samples from the patients.

Subsequent to when the blood samples are taken, patients continue to be monitored for development of said disease using traditional diagnostic methods. At a given time point, two trait subgroups are identified, namely individuals who develop said disease of interest and individuals who do not develop said disease of interest. In some embodiments, the timepoint at which trait subgroups are identified can take days, weeks, months or years. In some embodiments, data as described in step 202 of Section 5.1 and Section 5.3 is obtained upon processing of the blood sample. In other embodiments, data of step 202 is obtained only after a determination of trait subgroups has been made. In all cases, data is obtained from a blood sample taken at a timepoint prior to being able to determine disease. Once trait subgroups are identified gene expression profiles of the molecular marker data of the molecular marker products from the blood samples of each trait subgroup are compared using GeneSpring<sup>TM</sup> software analysis. Hybridizations to create the gene expression profiles are done using Affymetrix® GeneChip® platforms (U133A and U133 Plus 2.0) platforms (U133A and U133 Plus 2.0) as described herein and candidate molecular markers are identified where the molecular marker data is able to differentiate as between said two trait subgroups with a p value of <0.05. Said candidate molecular markers are subsequently processed as described in steps 206 to 226 to identify classifiers and molecular markers capable of predicting disease.

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This example demonstrates the selection of the composition of the training population and the trait subgroups of the training population so as to result in classifiers which are useful to determine treatment compliance.

Step 202.

In order to determine treatment compliance, blood samples are taken from patients who are complying with said treatment of interest and patients who are not complying with said treatment. Preferably blood samples are processed so as to preserve the RNA and/or the protein corresponding to molecular markers of the entire genome of said individual. More preferably the blood samples are processed immediately, within 1 hour, 2 hours, 3 hours, 4 hours, 5 hours, 6 hours, 10 hours, 12, hours, 18 hours or 24 hours from having taken the blood samples from the patients.

Molecular marker data is obtained as described in step 202 of Section 5.1 and Section 5.3 upon processing of the blood sample. Hybridizations to create the gene expression profiles are done using Affymetrix® GeneChip® platforms (U133A and U133 Plus 2.0) platforms (U133A and U133 Plus 2.0) as described herein and candidate molecular markers are identified which differentiate as between patients who comply with said treatment of interest as compared with patients who do not comply with said treatment of interest with a p value of <0.05. Said candidate molecular markers are subsequently processed as described in steps 206 to 226 to identify classifiers and molecular markers capable of determining treatment compliance.

6.5.3

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This example demonstrates the selection of the composition of the training population and the trait subgroups of the training population so as to result in classifiers which are useful to predict reoccurrence of disease.

Step 202.

In order to predict reoccurrence of disease, blood samples are taken from patients, all of whom have had a disease of interest, at a time when all of said patients are disease free. Preferably blood samples are processed so as to preserve the RNA and/or the protein corresponding to molecular markers of the entire genome of said individual. More preferably the blood samples are processed immediately, within 1 hour, 2 hours, 3 hours, 4 hours, 5 hours, 6 hours, 10 hours, 12, hours, 18 hours or 24 hours from having taken the blood samples from the patients.

Subsequent to when the blood samples are taken, patients continue to be monitored for reoccurence of said disease using traditional diagnostic methods. At a given time point, two trait subgroups are identified, namely individuals who develop reoccurrence of said disease of interest and individuals who do not develop said disease of interest. In some embodiments, the timepoint at which trait subgroups are identified can take days, weeks, months or years. In some embodiments, data as described in step 202 of Section 5.1 and Section 5.3 is obtained upon processing of the blood sample. In other embodiments, data of step 202 is obtained only after a determination of trait subgroups has been made. In all cases, data is obtained from a blood sample taken at a timepoint prior to being able to determine reoccurrence of disease. Once trait subgroups are identified molecular marker data of the molecular marker products from the blood samples of each trait subgroup are compared using GeneSpring<sup>TM</sup> software analysis. Hy bridizations to create the gene expression profiles are done using Affymetrix® GeneChip® platforms

(U133A and U133 Plus 2.0) platforms (U133A and U133 Plus 2.0) as described herein and candidate molecular markers are identified whose molecular marker data differentiates as between said two trait subgroups with a p value of <0.05. Said candidate molecular markers are subsequently processed as described in steps 206 to 226 to identify classifiers and molecular markers capable of predicting reoccurrence of disease.

### 6.5.4

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This example demonstrates the use of classifiers used in series so as to diagnose a patient with a stage of disease, for example a specific stage of osteoarthritis.

We have identified previously four different stages of osteoarthritis; namely mild osteoarthritis, moderate osteoarthritis, marked osteoarthritis and severe osteoarthritis (see for example PCT patent application WO02070737 Entitled "Compositions and Methods relating to osteoarthritis"

In some instances it is useful to determine which stage of osteoarthritis an individual has, and more importantly to confirm that said patient does not have any other stage of osteoarthritis. For example if an individual has changed their lifestyle and lost weight —to determine whether the osteoarthritis has regressed.

Classifiers of the invention are able to differentiate as between two subgroups. As such – multiple classifiers are required to specifically stage an individual.

A first classifier is developed which differentiates as between osteoarthritis and non-osteoarthritis. As described, a training population is selected comprised of two trait subgroups where said first trait subgroup is comprised of individuals having osteoarthritis and the second trait subgroup comprised of individuals not having osteoarthritis. Identification of candidate molecular markers which differentiate as between these two trait subgroups are identified as per step 202 and subsequently processed as described in steps 206 to 226 to identify classifiers and molecular markers capable of differentiating between osteoarthritis and non-osteoarthritis.

Similarly classifiers are identified which are capable of differentiating between (a) mild osteoarthritis and moderate osteoarthritis (b) moderate osteoarthritis and marked osteoarthritis (c) marked osteoarthritis and severe osteoarthritis.

In order to diagnose an individual as having marked osteoarthritis and not having mild osteoarthritis or severe osteoarthritis, a series of tests are applied. First a classifier which determines whether said patient has osteoarthritis or not is applied. Assuming said patient has osteoarthritis, a classifier is applied which determines whether said patient has either mild osteoarthritis or marked osteoarthritis. Assuming said patient has marked

osteoarthritis, a classifier is applied to determine whether said patient has marked osteoarthritis or severe osteoarthritis. The result of these series of classifiers can determine that said patient has marked osteoarthritis and does not have any other stage of osteoarthritis.

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# 6.6 CONSTRUCTION OF CLASSIFIERS FOR DETERMINING A TRAIT OF INTEREST (OR DIFFERENTIATING BETWEEN TWO TRAITS OF INTEREST) USING THE MOLECULAR MARKERS IDENTIFIED IN ONE OF THE DISCLOSED TABLES

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While the examples described below suggest selection of molecular markers prior to generating all combinations of classifiers from the disclosed Tables can be based on a specific measure of statistical significance (p value) as disclosed for each molecular marker (see Table G and Table H) it must be appreciated that the selection of molecular markers may also be based on any other method disclosed in this application, such as differential fold change or even a combination of selection of p value and differential fold change. A skilled person in the art will recognize these other methods can also be used so as to permit the selection of subsets of the molecular markers to derive lists for which a reasonable number of combinations can be tested within the limits of the computer processing capacity. The skilled person will be able to transfer the details given in this section for examples based on a p value evaluation to carry out the selection based on other disclosed selection methods or selection methods known to him.

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**TABLE F** 

Selected Table	Trait of Interest	Recommended Train	ning Population
		Key Trait of Members of Trait Subgroup A	Key Trait of Members of Trait Subgroup B
Table 1A	Osteoarthritis and Hypertension	Members have both Osteoarthritis and Hypertension	Members have neither Osteoarthritis nor Hypertension
Table 1B	Osteoarthritis and Obesity	Members have both Osteoarthritis and Obesity	Members have neither Osteoarthritis nor Obesity
Table 1C	Osteoarthritis and Allergies	Members have both Osteoarthritis and Allergies	Members have neither Osteoarthritis nor Allergies
Table 1D	Osteoarthritis and	Members have both	Members have

	Systemic Steroids	Osteoarthritis and are taking Systemic	neither Osteoarthritis nor
		Steroids	are taking Steroids
Table 1E	Hypertension	Members have	Members do not
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Hypertension	have Hypertension
Table 1F	Obesity	Members are Obese	Members are not
	,	With the course with the course	Obese Obese
Table 1G	Hypertension	Members have	Members do not
		Hypertension.	have Hypertension
		Members have	Members do not
		Hypertension and	have Osteoarthritis
T-11, 177		Osteoarthritis.	
Table 1H	Hypertension and	Members have	Members do not
	Osteoarthritis	Hypertension and	have either
		Osteoarthritis	Hypertension or
Table 1I	Ohaaita	1	Osteoarthritis
Table II	Obesity	Members are Obese	Members are not
		Manufaction	Obese
		Members have	Members do not
		Obesity and Osteoarthritis	have Osteoarthritis.
Table 1J	Obesity and	Members have	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
1001013	Osteoarthritis	Osteoarthritis and	Members do not
	Osteoarumitis	are also Obese	have either
		are also Obese	Osteoarthritis and are not Obese
Table IK	Allergies	Members have	Members do not
		Allergies	have Allergies
		Members have	Members do not
·		Allergies and	have Osteoarthritis
		Osteoarthritis	
Table 1L	Allergies and	Members have	Members do not
	Osteoarthritis	Allergies and	have either Allergies
		Osteoarthritis	or Osteoarthritis
Table 1M	Systemic Steroids	Members have been	Members have not
		taking Systemic	been taking
		Steroids	Systemic Steroids
		Members have been	Members do not
		taking Systemic	have Osteoarthritis.
		Steroids and have	
Table 1N	Systems's Chr. 11	Osteoarthritis	
Taule IIV	Systemic Steroids and Osteoarthritis	Members have	Members do not
	and Osteoarthritis	Osteoarthritis and	have Osteoarthritis
		have been taking	and have not been
		Systemic Steroids	taking systemic Steroids
Table 1O	Taking Birth Control	Members taking	Members not taking
		Birth Control	Birth Control
	Taking Prednisone	Members taking	Members not taking
		Prednisone	Prednisone
	Taking Hormone	Members taking	Members not taking
	Replacement	Hormone	Hormone

	Therapy	Replacement	Replacement
		Therapy	Therapy
Table 1P	Type II Diabetes	Members have Type	Members do not
		II Diabetes	have Type II
			Diabetes
Table 1Q	Hyperlipidemis	Members have	Members do not
		Hyperlipidemia	have Hyperlipidemia
Table 1R	Lung Disease	Members have Lung	Members do not
		Disease	have Lung Disease
Table 1S	Bladder Cancer	Members have	Members do not
		Bladder Cancer	have Bladder Cancer
Table 1T	Early Stage Bladder	Members have Early	Members do not
	Cancer	Stage Bladder	have Bladder Cancer
		Cancer	
		Members have Early	Members do not
		Stage Bladder	have Early Stage
		Cancer	Bladder Cancer
	Late Stage Bladder	Members have Late	Members do not
	Cancer	Stage Bladder	have Bladder Cancer
	-	Cancer	Individual outfool
		Members have Late	Members do not
		Stage Bladder	have Late Stage
		Cancer	Bladder Cancer
Table 1U	Coronary Artery	Members have CAD	Members do not
	Disease (CAD)		have CAD
Table 1V	Rheumatoid	Members have RA	Members do not
	Arthritis (RA)		have RA
Table 1W	Rheumatoid	Members have RA	Members do not
	Arthritis (RA)		have RA
Table 1X	Depression	Members have	Members do not
		Depression	have Depression
Table 1Y	Stage of	Members have Mild	Members do not
	Osteoarthritis - Mild	OA	have OA
	Stage of	Members have	Members do not
	Osteoarthritis -	Moderate OA	have OA
	Moderate		
	Stage of	Members have	Members do not
	Osteoarthritis –	Marked OA	have OA
	Marked		
	Stage of	Members have	Members do not
	Osteoarthritis –	Severe OA	have OA
	Severe		
Table 1Z	Liver Cancer	Members have Liver	Members do not
		Cancer	have Liver Cancer
Table 1Z(b)	Liver Cancer	Members have Liver	Members do not
		Cancer	have Liver Cancer
Table 1AA	Schizophrenia	Members have	Members do not
_	•	Schizophrenia	have Schizophrenia
Table 1AB	Chagas Disease	Members have	Members do not
		Chagas Disease	have Chagas Disease
Table 1AC	Asthma	Members have	
I dole IAC	Asumia	iviembers have	Members have OA

		Asthma and OA	
Table 1AD	Asthma	Members have	Members do not
	1 istiniu	Asthma	have Asthma
Table 1AE	Lung Cancer	Members have Lung	Members do not
140.0	Eding Currect	Cancer	
Table 1AG	Hypertension	Members have	have Lung Cancer
14010 1710	Trypertension	1	Members do not
Table 1AH	Obesity	Hypertension	have Hypertension
Table TAIT	Obesity	Members have	Members do not
Table 1AI	Anlaylasina	Obesity	have Obesity
Table TAI	Ankylosing	Members have	Members do not
	Spondylitis	Ankylosing	have Ankylosing
Table 2	0-4	Spondylitis	Spondylitis
Table 2	Osteoarthritis	Members have	Members do not
T-11-24		Osteoarthritis	have Osteoarthritis
Table 3A	Schizophrenia or	Members have	Members have MDS
	Manic Depression	Schizophrenia	
T 11 OD	Syndrome (MDS)		
Table 3B	Hepatitis or Liver	Members have	Members have Liver
	Cancer	Hepatitis	Cancer
Table 3C	- Bladder Cancer or	Members have	Members have Liver
	Liver Cancer	Bladder Cancer	Cancer
Table 3D	Bladder Cancer or	Members have	Members have
	Testicular Cancer	Bladder Cancer	Testicular Cancer
Table 3E	Testicular Cancer or	Members have	Members have
	Kidney Cancer	Testicular Cancer	Kidney Cancer
Table 3F	Liver Cancer or	Members have Liver	Members have
	Stomach Cancer	Cancer	Stomach Cancer
Table 3G	Liver Cancer or	Members have Liver	Members have
	Colon Cancer	Cancer	Colon Cancer
Table 3H	Stomach Cancer or	Members have	Members have
	Colon Cancer	Stomach Cancer	Colon Cancer
Table 3I	Rheumatoid	Members have	Members have
	Arthritis or	Rheumatoid	Osteoarthritis
	Osteoarthritis	Arthritis	
Table 3K	Chagas Disease or	Members have	Members have Heart
	Heart Failure	Chagas Disease	Failure
Table 3L	Chagas Disease or	Members have	Members have CAD
	Coronary Artery	Chagas Disease	
	Disease		
Table 3N	Coronary Artery	Members have CAD	Members have Heart
	Disease or Heart		Failure
	Failure		T unitary
Table 3P	Asymptomatic	Members have	Members have
	Chagas or	Asymptomatic	Symptomatic
	Symptomatic	Chagas	Chagas
	Chagas		Chagas
Table 3Q	Alzheimer's or	Members have	Members have
`	Schizophrenia	Alzheimer's	
Table 3R	Alzheimer's or	Members have	Schizophrenia Members have
	Manic Depression	Alzheimer's	·
	Syndrome	Aizheimers	Manic Depression
	1 Syndrome		

Table 4A	Osteoarthritis	Members have	Mombana da mad
14010	Osteoarumitis	Osteoarthritis	Members do not
Table 4B	Osteoarthritis	Members have	have Osteoarthritis
Tuole 1B	Osteoarunius		Members do not
Table 4C	Mild Osteoarthritis	Osteoarthritis	have Osteoarthritis
Table 40	Wild Osteoarthritis	Members have Mild	Members do not
Table 4D	Mild Ostass dl. 'd'	Osteoarthritis	have Osteoarthritis
Table 4D	Mild Osteoarthritis	Members have Mild	Members do not
Table 4E	Mala	Osteoarthritis	have Osteoarthritis
Table 4E	Moderate	Members have	Members do not
	Osteoarthritis	Moderate	have Osteoarthritis
Table 4F	126.1	Osteoarthritis	
1 4016 41	Moderate	Members have	Members do not
	Osteoarthritis	Moderate	have Osteoarthritis
Table 4G		Osteoarthritis	
Table 4G	Marked	Members have	Members do not
	Osteoarthritis	Marked	have Osteoarthritis
Table 4H	76.1.1	Osteoarthritis	
Table 4H	Marked	Members have .	Members do not
	Osteoarthritis	Marked	have Osteoarthritis
T-1.1. 4T		Osteoarthritis	
Table 4I	Severe Osteoarthritis	Members have	Members do not
T 11 41		Severe Osteoarthritis	have Osteoarthritis
Table 4J	Severe Osteoarthritis	Members have	Members do not
T-1-1- 417	125310	Severe Osteoarthritis	have Osteoarthritis
Table 4K	Mild Osteoarthritis	Members have Mild	Members have
	or Moderate	Osteoarthritis	Moderate
Table 41	Osteoarthritis		Osteoarthritis
Table 4L	Mild Osteoarthritis	Members have Mild	Members have
	or Moderate	Osteoarthritis	Moderate
Table 4M	Osteoarthritis		Osteoarthritis
1 able 4M	Mild Osteoarthritis	Members have Mild	Members have
	or Marked	Osteoarthritis	Marked
Table 4NT	Osteoarthritis		Osteoarthritis
Table 4N	Mild Osteoarthritis		Members have
	or Marked	Osteoarthritis	Marked
Table 4O	Osteoarthritis	N. 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Osteoarthritis
	Mild Osteoarthritis	Members have Mild	Members have
	or Severe	Osteoarthritis	Severe Osteoarthritis
Table 4P	Osteoarthritis Mild Osteoarthritis	N. 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
14015 45	Mild Osteoarthritis	Members have Mild	Members have
	or Severe	Osteoarthritis	Severe Osteoarthritis
Table 4O	Osteoarthritis	37	
Table 40	Moderate	Members have	Members have
	Osteoarthritis or	Moderate	Marked
	Marked	Osteoarthritis	Osteoarthritis
Table 4R	Osteoarthritis	7.	
1 auto 4K	Moderate	Members have	Members have
	Osteoarthritis or	Moderate	Marked
	Marked	Osteoárthritis	Osteoarthritis
Table 40	Osteoarthritis		
Table 4S	Moderate	Members have	Members have

	Osteoarthritis or	Moderate	Carrana Ostananth
	Severe Osteoarthritis	Osteoarthritis	Severe Osteoarthritis
Table 4T	Moderate	Members have	1.7
Table 41	Osteoarthritis or	Moderate	Members have
		1	Severe Osteoarthritis
Table 4U	Severe Osteoarthritis	Osteoarthritis	
Table 40	Marked	Members have	Members have
	Osteoarthritis or	Marked	Severe Osteoarthritis
CD 11 477	Severe Osteoarthritis	Osteoarthritis	
Table 4V	Marked	Members have	Members have
	Osteoarthritis or	Marked	Severe Osteoarthritis
	Severe Osteoarthritis	Osteoarthritis	
Table 5A	Psoriasis	Members have	Members do not
		Psoriasis	have Psoriasis
Table 5B	Thyroid Disorder	Members have	Members do not
	j	Thyroid Disorder	have Thyroid
			Disorder
Table 5C	Irritable Bowel	Members have	Members do not
	Syndrome	Irritable Bowel	have Irritable Bowel
		Syndrome	Syndrome
Table 5D	Osteoporosis	Members have	Members do not
		Osteoporosis	have Osteoporosis
Table 5E	Migraine Headaches	Members have	Members do not
		Migraine Headaches	have Migraine
		8	Headaches
Table 5F	Eczema	Members have	Members do not
		Eczema	have Eczema
Table 5G	NASH	Members have	Members do not
		NASH	have NASH
Table 5H	Alzheimer's	Members have	Members do not
		Alzheimers'	have Alzheimers'
Table 5I	Manic Depression	Members have	Members do not
	Syndrome	Manic Depression	have Manic
	Januarine	Syndrome	Depression
		Syndrome	Syndrome
Table 5J	Crohn's Colitis	Members have	Members do not
2 4010 00	Groun's Contag	Crohn's Colitis	have Crohn's Colitis
Table 5K	Chronic Cholecystis	Members have	Members do not
Tuble Six	Chrome Cholecystis		1
		Chronic Cholecystis	have Chronic
Table 5L	Heart Failure	Members have Heart	Cholecystis
Tuoic JL	ricalt Famule	Failure	Members do not
Table 5M	Coming Comme		have Heart Failure
I AUIC JIVI	Cervical Cancer	Members have	Members do not
		Cervical Cancer	have Cervical
Table (N)	Star 1 G		Cancer
Table 5N	Stomach Cancer	Members have	Members do not
		Stomach Cancer	have Stomach
m 11 60			Cancer
Table 5O	Kidney Cancer	Members have	Members do not
		Kidney Cancer	have Kidney Cancer
Table 5P	Testicular Cancer	Members have	Members do not
		Testicular Cancer	have Testicular

			Cancer
Table 5Q	Colon Cancer	Members have	Members do not
		Colon Cancer	have Colon Cancer
Table 5R	Hepatitis B	Members have	Members do not
	_	Hepatitis B	have Hepatitis B
Table 5S	Pancreatic Cancer	Members have	Members do not
		Pancreatic Cancer	have Pancreatic
			Cancer
Table 5T	Asymptomatic	Members have	Members do not
	Chagas	Asymptomatic	have Asymptomatic
		Chagas	Chagas
Table 5U	Symptomatic	Members have	Members do not
	Chagas	Symptomatic	have Symptomatic
		Chagas	Chagas
Table 5V	Bladder Cancer	Members have	Members do not
		Bladder Cancer	have Bladder Cancer
Table 6A	Cancer	Members have	Members do not
		Cancer	have Cancer
Table 6B	Cardiovascular	Members have	Members do not
	- Disease	Cardiovascular	have Cardiovascular
		Disease	Disease
Table 6C	Neurological	Members have a	Members do not
	Disorders	Neurological	have a Neurological
		Disorder	Disorder
Table 7A	Celebrex® or Other	Members taking	Members taking non
	Cox Inhibitor	Celebrex®	Celebrex® Cox
T 11 TD			Inhibitor
Table 7B	Celebrex®	Members taking	Members not taking
T-11-70		Celebrex®	Celebrex®
Table 7C	Vioxx®	Members taking	Members not taking
Table 7D	W. S. O.I.	Vioxx®	Vioxx®
Table /D	Vioxx® or Other	Members taking	Members taking non
	Cox Inhibitor	Vioxx®	Vioxx® Cox
Table 7E	NSAIDS	M1	Inhibitor
Table /E	NSAIDS	Members taking	Members not taking
Table 7F	Cortisone	NSAIDS Mombas talais	NSAIDS
Table /I	Corusone	Members taking Cortisone	Members not taking
Table 7G	Visco Supplement	Members taking	Cortisone  Members not taking
14010 / 0	v isco supplement	Visco Supplement	Members not taking
Table 7H	Lipitor®	Members taking	Visco Supplement
14010 /11	Lipitol®	Lipitor®	Members not taking
Table 7I	Smokers	Members are	Lipitor®  Members are not
. 14010 /1	Smoreis	Smokers	Smokers
		OHIOKE12	DIHOKEIS

### CONSTRUCTION OF CLASSIFIERS FOR DETERMINING A TRAIT OF INTEREST $Steps\ 202-204$

In order to identify useful classifiers for a trait of interest, for example mild osteoarthritis, one or more of the tables listed in Table F above which have the same

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recommended training population can be used. Thus for example, for mild osteoarthritis, one can select one or more of Tables 1Y; 4C; 4D. These molecular markers listed resulted from application of Steps 202-204 as outlined in Figure 2A as more fully described for each Table herein. Once one or more Tables have been selected, it is helpful to select a subset of the molecular markers in the Table or Tables before proceeding to step 206. For example, combining Tables 1Y, 4C and 4D and selecting molecular markers where the molecular marker data demonstrates an ability to differentiate as between the two trait subgroups with a p value of less than 0.0001 results in 212 molecular markers. Note that p values resulting from the molecular marker data for each molecular marker identified in any of Tables 1A to 7I can be found in Tables 8A or Tables 8B below.

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Table 8A identifies molecular markers via the Clone ID of the probe used to hybridize to the molecular marker products. The Clone ID corresponds to the Clone ID found in tables 1A; 1 AC; 1B; 1C; 1D; 1E; 1F; 1G; 1H; 1I; 1J; 1K; 1L; 1M; 1N; 1O; 1P; 1Q; 1R; 1V; 1X; 1Y; 1Z; 2; 4A; 4C; 4E; 4G; 4I; 4K; 4M; 4O; 4Q; 4S; 4V; 7A; 7B; 7C; 7D; 7E; 7H; and 7I (ie those Tables generated using the ChondroChip™ as outlined herein). Table 8A then identifies the corresponding Table in which the molecular marker is identified via said Clone ID. Finally the p value of the molecular marker data obtained using the ChondroChip™ is listed. Note that Table 8A is sorted first by Table number and then by p value.

Table 8B identifies molecular markers via the Affymetrix® Spot ID of the probe pair used to hybridize to the molecular marker products. The Affy Spot ID corresponds to the Affy Spot ID found in tables Tables 1AA; 1AB; 1AD; 1AE; 1AG; 1AH; 1AT; 1S; 1T; 1U; 1W; 1Z(b); 3A; 3B; 3C; 3D; 3E; 3F; 3G; 3H; 3I; 3K; 3L; 3P; 3Q; 3R; 4B; 4D; 4F; 4H; 4J; 4L; 4N; 4P; 4R; 4T; 4V; 5A; 5B; 5C; 5D; 5EE; 5F; 5G; 5H; 5I; 5J; 5K; 5L; 5M; 5N; 5O; 5P 5Q; 5R; 5S; 5T; 5U; 5V; 6A; 6B; 6C; 7F; and 7G (ie those Tables generated using the Affymetrix™ Gene Chip as outlined herein). Table 8B then identifies the corresponding Table in which the molecular marker is identified via said Affymetrix® Spot ID. Finally the p value of the molecular marker data obtained using the ChondroChip™ is listed. Note that Table 8B is sorted first by Table number and then by p value.

Step 206

For the 212 selected molecular markers – a training population is chosen having two trait subgroups where the two trait subgroups are outlined in Table F above as corresponding to the Tables used to select the molecular markers, thus in this example, the

first trait subgroup is members having mild osteoarthritis and the second trait subgroup is members not having osteoarthritis. A blood sample from each member of the training population is obtained and processed using techniques as described herein and mRNA isolated. The resulting mRNA is reverse transcribed using ABI's High Capacity cDNA Archive Kit and the cDNA is then used for quantitative RT-PCR so as to collect molecular 5 marker data for application to a logistic regression model. Amplification primers are designed for each of the 212 molecular markers. Preferably primers are chosen which amplify across an intron junction. Quantitative Real Time PCR is performed using Qiagen's QuantiTect™Sybr Green RT-PCR kit and data corresponding to the level of RNA for each of the molecular markers Steps 214 - 218.

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From the 212 candidate molecular markers selected, an exhaustive analysis of all possible combinations of molecular markers using the molecular marker data obtained using quantitative RT-PCR data is tested using logistic regression so as to develop multiple classifiers. Each classifier is ranked on the basis of area under the curve using the training population. Those classifiers ranking with an ROC area under curve of greater than 0.8 are further evaluated using a scoring population which is not the training population. Those classifiers resulting in an ROC area under the curve of greater than 0.7 as determined using the scoring population are selected. Each of the selected classifiers is comprised of a combination of molecular markers from one of Tables 1Y, 4C and 4D. USE OF THE SELECTED CLASSIFIER TO DIAGNOSE AN INDIVIDUAL AS HAVING MILD OSTEOARTHRITIS.

Any of the selected classifiers can be used to diagnose an individual as having mild osteoarthritis. A blood sample from a test individual is processed using techniques as described herein to isolate mRNA. mRNA is reverse transcribed using ABI's High Capacity cDNA Archive Kit and the cDNA is then used for quantitative RT-PCR. Amplification primers are designed for each of the molecular markers in the classifier selected which amplify across an intron junction. Quantitative Real Time PCR is performed using Qiagen's QuantiTect™Sybr Green RT-PCR kit and data corresponding to the level of RNA for each of the molecular markers of the selected classifier obtained. The data is then used in conjunction with the logistic regression classifier so as to convert the data resulting from the Quantitative RT-PCR into a single number. If the number is greater than 0 - the test individual is diagnosed as having mild osteoarthritis is the number is less than 0 the test individual is diagnosed as not having osteoarthritis.

### 7. REFERENCES CITED

All references cited herein are incorporated herein by reference in their entirety and for all purposes to the same extent as if each individual publication or patent or patent application was specifically and individually indicated to be incorporated by reference in its entirety for all purposes.

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The present invention can be implemented as a computer program product that comprises a computer program mechanism embedded in a computer readable storage medium. For instance, the computer program product could contain the program modules shown in Fig. 1. These program modules may be stored on a CD-ROM, DVD, magnetic disk storage product, or any other computer readable data or program storage product. The software modules in the computer program product can also be distributed electronically, via the Internet or otherwise, by transmission of a computer data signal (in which the software modules are embedded) on a carrier wave.

Many modifications and variations of this invention can be made without departing from its spirit and scope, as will be apparent to those skilled in the art. The specific embodiments described herein are offered by way of example only, and the invention is to be limited only by the terms of the appended claims, along with the full scope of equivalents to which such claims are entitled.

Table 8A

Clone ID	TableNo.	p-value	Clone ID	TableN	IO. P Value
miob8143	1A	2.14e-05	fcrb4231	1A	3.784194e-03
ncrc5844	1A	1.1356e-04	seob0755	1A	3.784194e-03
hfcr3149	1A	1.30609e-04	seoc1023	1A	3.784194e-03
fcrb3330	1A	1.71826e-04	fcrb4995	1A	4.164516e-03
ncrc9772	1A	1.71826e-04	fcrb6031	1A	4.164516e-03
fcrb2162	1A	2.24449e-04	fcrb6896	1A	4.164516e-03
ncrb8343	1A	2.55864e-04	fcrc1689	1A	4.164516e-03
fcrb4226	1A	2.91185e-04	fcrc6228	1A	4.164516e-03
seoc6182	1A	2.91185e-04	ncr7672	1A	4.164516e-03
seoa3408	1A	3.75265e-04	ncrc1885	1A	4.164516e-03
fcrb6191	1A	4.80528e-04	ncrc3544	1A	4.164516e-03
mioc1028	1A	4.80528e-04	seoa2381	1A	4.164516e-03
seob2966	1A	5.4249e-04	seob9872	1A	4.164516e-03
seoc0775	1A	5.4249e-04	fcrb2090	1A	4.577725e-03
fcrc1834	1A	7.73507e-04	hfcr0489	1A	4.577725e-03
ncrc3257	1A	7.88975e-04	miod1448	1A	4.577725e-03
ncrc2472	1A	8.68041e-04	ncr7813	1A	4.577725e-03
mioc3930	1A	1.216349e-03	ncrc9712	1A	4.577725e-03
ncr0847	1A	1.216349e-03	ncrc9855	1A	4.577725e-03
miob8947		1.253946e-03	seoa0256	1A	4.577725e-03
fcrb5214	1A	1.357347e-03	seoa3555	1A	4.577725e-03
miob4037	1A	1.512638e-03	mioa0601	1A	4.9929e-03
miob8932	1A	1.512638e-03	fcrb2713	1A	5.026153e-03
fcrc0166	1A	1.683445e-03	mioa1704	1A	5.026153e-03
miob8249	1A	1.683445e-03	miob6419	1A	5.026153e-03
seob3485	1A	1.683445e-03	mioc2997	1A	5.026153e-03
seob7929	1A	1.683445e-03	mioc3127	1A	5.026153e-03
seob0154	1A	1.871074e-03	ncr7904	1A	5.026153e-03
fcrc6345	1A	2.076917e-03	ncrc5088	1A	5.026153e-03
mioa5059	1A	2.076917e-03	seoa2641	1A	5.026153e-03
fcrb4378	1A	2.302455e-03	seoa3359	1A	5.026153e-03
miod4066 ncrc5091	1A	2.302455e-03	seob5069	1A	5.026153e-03
mioc0162	1A 1A	2.302455e-03	seob5213	1A	5.026153e-03
fcrc5516	1A 1A	2.452971e-03 2.549264e-03	ncr1948	1A	5.341175e-03
miob4308	1A	2.549264e-03	fcrb9324	1A	5.512248e-03
seob1319	1A	2.549264e-03	fcrc6990 mioc1598	1A	5.512248e-03
fcr1997	1A	2.819017e-03	seob4752	1A 1A	5.512248e-03 5.512248e-03
fcr4471	1A	2.819017e-03	mioa0528	1A 1A	6.038584e-03
ncr0615	1A	2.819017e-03	mioc2074	1A	6.038584e-03
ncr9549	1A	2.819017e-03	miod5703	1A	6.038584e-03
ncrc0729	1A	2.819017e-03	ncrc3391	1A	6.038584e-03
fcrb4572	1A	3.113486e-03	seob0168	1A	6.038584e-03
fcrb9655	1A	3.113486e-03	fcrb4345	1A	6.607863e-03
ncrb6320	1A	3.113486e-03	mioa2377	1A	6.607863e-03
seoa9709	1A	3.113486e-03	mioc1122	1A	6.607863e-03
seoa9870	1A	3.113486e-03	ncrc9637	1A	6.607863e-03
seob2959	1A	3.113486e-03	seob9152	1A	6.607863e-03
seoc1025	1A	3.113486e-03	fcrb1691	1A	7.222914e-03
fcr4214	1A	3.43455e-03	fcrb5928	1A	7.222914e-03
fcrb3897	1A	3.43455e-03	fcrc6010	1A	7.222914e 03
fcrb6508	1A	3.43455e-03	fcrc6566	1A	7.222914e 03
fcrb7944	1A	3.43455e-03	hfcr4477	1A	7.222914e 03
fcrc2807	1A	3.43455e-03	miob8691	1A	7.222914e 03
ncrc5780	1A	3.43455e-03	miod2330	1A	7.222914e 03
seoa0429	1A	3.43455e-03	ncr3037	1A	7.222914e 03
seoa1977	1A	3.43455e-03	ncrc9700	1A	7.222914e-03
fcr3559	1A	3.784194e-03	seoa9889	1A	7.222914e-03

seob8311	1A	7.222914e-03	miod7421	1A	0.01
fcrb7584	1A	7.288639e-03	ncr0016	1A	0.01
fcrb5204	1A	7.886697e-03	ncrb8385	1A	0.01
fcrc5614	1A	7.886697e-03			
			ncrc5949	1A	0.01
mioc7331	1A	7.886697e-03	seoa2805	1A	0.01
mioc8682	1A	7.886697e-03	seoa6620	1A	0.01
ncr0212	1A	7.886697e-03	seob3141	1A	0.01
ncr7292	1A	7.886697e-03	fcr4639	1A	0.01
ncrb4331	1A	7.886697e-03	fcrb3237	1A	0.01
ncrb5595	1A	7.886697e-03			
seoa6654			fcrb3244	1A	0.01
	1A	7.886697e-03	fcrb4981	1A	0.01
seob4545	1A	7.886697e-03	fcrb5850	1A	0.01
seob8301	1A	7.886697e-03	fcrb9686	1A	0.01
seoc1664	1A	7.886697e-03	fcrb9959	1A	0.01
fcr1312	1A	8.602308e-03	hfcr1811	1A	0.01
fcrb2041	1A	8.602308e-03	miob3953	1A	0.01
mioa5085	1A	8.602308e-03	mioc0669	1A	0.01
ncrc8892	1A	8.602308e-03			
			ncrc2119	1A	0.01
seoa1584	1A	8.602308e-03	ncrc4575	1A	0.01
seoa5577	1A	8.602308e-03	ncrc6127	1A	0.01
seob5319	1A	8.602308e-03	ncrc6382	1A	0.01
seob6386	1A	8.602308e-03	seoc0778	1A	0.01
seob8741	1A	8.602308e-03	seoc0924	1A	0.01
fcr1879	1A	9.372976e-03	ncrc1892	1A	0.01
fcrb1457	1A	- 9.372976e-03	fcr0593	1A	0.01
fcrb3644	1A	9.372976e-03			
fcrb4388	1A	9.372976e 03	fcrb3715	1A	0.01
			mioc4420	1A	0.01
mioa8851	1A	9.372976e-03	miod3920	1A	0.01
mioa8852	1A	9.372976e-03	ncr6343	1A	0.01
mioc1060	1A	9.372976e-03	seob5209	1A	0.01
mioc1910	1A	9.372976e-03	ncr1876	1A	0.01
miod6437	1A	9.372976e-03	miod3417	1A	0.01
ncr6072	1A	9.372976e-03	fcr4212	1A	0.01
seoa8399	1A	9.372976e-03	fcrb4413	1A	0.01
seob4197	1A	9.372976e-03	fcrb5305	1A	0.01
seob9092	1A	9.372976e-03	fcrb9253	1A	0.01
fcrb1689	1A	0.01	hfcr1189		
fcrb1990	1A	0.01		1A	0.01
fcrb8542	1A		miod4464	1A	0.01
		0.01	ncr3614	1A	0.01
seoa9705	1A	0.01	ncrc3536	1A	0.01
seob0688	1A	0.01	ncrc9562	1A	0.01
seob6279	1A	0.01	seoa3105	1A	0.01
seoc3965	1A	0.01	seob0085	1A	0.01
fcr3664	1A	0.01	seob3513	1A	0.01
fcr3717	1A	0.01	seob5044	1A	0.01
fcrb3686	1A	0.01	seob5336	1A	0.01
fcrb5813	1A	0.01	fcrb4985		
fcrb6012	1A	0.01		1A	0.01
fcrb7803			hfcr6634	1A	0.01
	1A	0.01	mioa5586	1A	0.01
fcrb8989	1A	0.01	mioa9831	1A	0.01
mioc6937	1A	0.01	miob6536	1A	0.01
ncrb8437	1A	0.01	miob7554	1A	0.01
ncrc5631	1A	0.01	mioc0728	1A	0.01
seoa2448	1A	0.01	mioc0904	1A	0.01
seoa8543	1A	0.01	mioc3040	1A	0.01
seob6131	1A	0.01	miod5627	1A	0.01
seob6272	1A	0.01			
seob9406			miod6731	1A	0.01
	1A	0.01	ncr2472	1A	0.01
seob9851	1A	0.01	ncrc3799	1A	0.01
fcr7042	1A	0.01	seob0879	1A	0.01
fcrb4799	1A	0.01	seob2797	1A	0.01
fcrc6877	1A	0.01	seob3112	1A	0.01
mioa9649	1A	0.01	seoc1189	1A	0.01
mioc1125	1A	0.01	fcr5625	1A	0.01
			=======		

			•		
fcrb2051	1A	0.01	mioa6913	1A	0.02
hfcr6501	1A	0.01	miob5646	1A	0.02
miob6702	1A	0.01	mioc0528	1A	0.02
ncr3815	1A	0.01	mioc1768	1A	0.02
seoa9777	1A	0.01			
			miod3592	1A	0.02
seob4925	1A	0.01	ncr1780	1A	0.02
seob8321	1A	0.01	ncrc6795	1A	0.02
mioc7084	1A	0.01	seoa6393	1A	0.02
fcrb4400	1A	0.01	seoa7126	1A	0.02
fcrb5550	1A	0.01	seob0497	1A	0.02
fcrb6968	1A	0.01	seob5004	1A	0.02
fcrc0241	1A	0.01	seoc2191	1A	0.02
fcrc1781	1A	0.01	hfcr3436	1A	0.02
mioa6135	1A	0.01	fcrb7240	1A	
					0.02
ncr8413	1A	0.01	fcrb3704	1A	0.02
seob8065	1A	0.01	fcrb3848	1A	0.02
seob9898	1A	0.01	fcrb5467	1A	0.02
seoc0499	1A	0.01	fcrb6734	1A	0.02
ncr0258	1A	0.02	fcrc4848	1A	0.02
ncr0179	1A	0.02			
			fcrc7228	1A	0.02
fcr4902	1A	0.02	hfcr4741	1A	0.02
fcrb1529	1A	0.02	miob3845	1A	0.02
fcrb2044	1A	0.02	mioc0301	1A	0.02
fcrb3896	1A	0.02	mioc1354	1A	0.02
fcrb4890	1A	- 0.02			
			mioc5695	1A	0.02
fcrb6033	1A	0.02	miod0592	1A	0.02
fcrb6432	1A	0.02	ncr8156	1A	0.02
fcrc5402	1A	0.02	ncrc3377	1A	0.02
hfcr1141	1A	0.02	seoa5977	· 1A	0.02
mioa8778	1A	0.02	seoa7212	1A	0.02
miob7373	1A	0.02	seob1526		
				1A	0.02
miob8572	1A	0.02	seoc0945	1A	0.02
miob9130	1A	0.02	mioc0899	1A	0.02
miob9788	1A	0.02	ncr9003	1A	0.02
mioc1203	1A	0.02	seoa7530	1A	0.02
ncr0808	1A	0.02	fcrb2207	1A	0.02
ncrc9633	1A	0.02	fcrb6102		0.02
seoa6172	1A			1A	
		0.02	hfcr0501	1A	0.02
seoa9724	1A	0.02	mioa5447	1A	0.02
seob0253	1A	0.02	miob3809	1A	0.02
seob0288	1A	0.02	miob8531	1A	0.02
seob5478	1A	0.02	miob8802	1A	0.02
hfcr3160	1A	0.02	miob9671		
				1A .	
fcr3323	1A	0.02	mioc6156	1A	0.02
fcr5425	1A	0.02	ncrb4339	1A	0.02
fcr7295	1A	0.02	ncrb8451	1A	0.02
fcrb1428	1A	0.02	ncrc0217	1A	0.02
fcrb5389	1A	0.02	seoa0469	1A	0.02
fcrc2099	1A	0.02			
			seoal100	1A	0.02
miob3131	1A	0.02	seoa4066	1A	0.02
mioc2592	1A	0.02	seoa9389	1A	0.02
mioc8153	1A	0.02	fcrb9671	1A	0.03
miod4938	1A	0.02	fcrc5577	1A	0.03
miod5122	1A	0.02	hfcr0285	1A	
miod5785	1A	0.02			0.03
			mioa2073	1A	0.03
seoa6364	1A	0.02	miob9020	1A	0.03
seoa9150	1A	0.02	mioc2546	1A	0.03
seob4192	1A	0.02	mioc3139	1A	0.03
seob6758	1A	0.02	mioc7986	1A	0.03
mioc0852	1A	0.02			
			miod1316	1A	0.03
fcrb2592	1A	0.02	miod7337	1A	0.03
fcrb9680	1A	0.02	ncr3811	1A	0.03
hfcr4007	1A	0.02	ncr9975	1A	0.03
mioa5131	1A	0.02	ncrb4474	1A	0.03
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ncrc5653	1A	0.03	fcrb2350	1A	0.03
ncrc6264	1A	0.03	fcrb5202	1A	0.03
seoa4802	1A	0.03			
seoa5554			fcrb9636	1A	0.03
	1A	0.03	fcrc4916	1A	0.03
seoa6497	1A	0.03	hfcr0237	1A	0.03
seoa8851	1A	0.03	mioa4552	1A	0.03
seob0047	1A	0.03	mioa6442	1A	0.03
seob0885	1A	0.03	miob5675	1A	0.03
fcrb3288	1A	0.03			
			miob6372	1A	0.03
fcrb4270	1A	0.03	miob8532	1A	0.03
fcrb4415	1A	0.03	miob8657	1A	0.03
hfcr5905	1A	0.03	mioc3208	1A	0.03
mioa4229	1A	0.03	miod4083	1A	0.03
miob9065	1A	0.03	miod6029	1A	
mioc1940	1A				0.03
		0.03	ncr0097	1A	0.03
miod6685	1A	0.03	ncr2812	1A	0.03
ncr0836	1A	0.03	ncr3960	1A	0.03
ncr3112	1A	0.03	ncr5651	1A	0.03
ncr4647	1A	0.03	ncr9779	1A	0.03
ncr6408	1A	0.03	ncrc1871	1A	0.03
ncrb8105	1A	0.03			
			ncrc1889	1A	0.03
ncrc9642	1A	0.03	seoa5685	1A	0.03
ncrc9739	1A	0.03	seoa7223	1A	0.03
seoa1540	1A	0.03	seoa9959	1A	0.03
seoa3429	1A	- 0.03	seob7649	1A	0.03
seoa3515	1A	0.03	fcrb6359	1A	0.03
seoa4452	1A	0.03	fcrb7237		
seoa5787				1A	0.03
	1A	0.03	fcrb8485	1A	0.03
seoa6598	1A	0.03	fcrc1849	1A	0.03
seob1844	1A	0.03	fcrc2536	1A	0.03
seob2195	1A	0.03	fcrc3993	1A	0.03
seob3533	1A	0.03	hfcr2616	1A	0.03
seoc2246	1A	0.03	hfcr4423	1A	0.03
ncr8153	1A	0.03			
			mioa1388	1A	0.03
fcrb2133	1A	0.03	mioa9555	1A	0.03
fcrb2849	1A	0.03	mioa9581	1A	0.03
fcrb5929	1A	0.03	miob0931	1A	0.03
fcrb6201	1A	0.03	miob9495	1A	0.03
fcrc1181	1A	0.03	mioc1135	1A	0.03
fcrc1858	1A	0.03	mioc1438	1A	0.03
fcrc2670	1A	0.03	mioc2451		
fcrc4033	1A	0.03		1A	0.03
			mioc3671	1A	0.03
mioa8747	1A	0.03	mioc4119	1A	0.03
miob8773	1A	0.03	miod5258	1A	0.03
miob9128	1A	0.03	ncr2995	1A	0.03
mioc0315	1A	0.03	ncrb3957	1A	0.03
mioc0472	1A	0.03	ncrc3735	1A	0.03
mioc2662	1A	0.03	seoa2385	1A	0.03
mioc4994	1A	0.03			
			seoa3670	1A	0.03
ncr6142	1A	0.03	seoa3811	1A	0.03
ncrc5508	1A	0.03	seob1572	1A	0.03
ncrc6423	1A	0.03	seob7946	1A	0.03
ncrc6888	1A	0.03	seob9334	1A	0.03
seoa5911	1A	0.03	fcrb4515	1A	0.04
seob3517	1A	0.03	fcrb6028		
				1A	0.04
seob6206	1A	0.03	fcrc4380	1A	0.04
seob7907	1A	0.03	fcrc5007	1 <b>A</b>	0.04
seoc0149	1A	0.03	fcrc5850	1A	0.04
seoc0617	1A	0.03	fcrc5898	1A	0.04
fcrb1890	1A	0.03	mioa3331	1A	0.04
seob1956	1A	0.03	mioa3392	1A	0.04
miob2756		0.03			
	1A		mioa4076	1A	0.04
fcrb2198	1A	0.03	mioa4484	1A	0.04
fcrb2256	1A	0.03	miob3042	1A	0.04

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miob3696	1A	0.04	seoc4316	1A	0.04
miob7209	1A	0.04	fcrc5506	1AC	6.56e-05
mioc4731	1A	0.04	fcrb7072	1AC	1.6e-04
ncr2363	1A	0.04	fcrb9202	1AC	2.5e-04
ncr8628	1A	0.04	fcrb2252	1AC	4.03e-04
ncrb2247	1A	0.04	miob2601	1AC	4.21e-04
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seob5099	1A	0.04	ncrb1186	1AC	1.13586e-03
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fcrb2334	1A	0.04	seoal812		
fcrb8697	1A	0.04		1AC	1.82148e-03
fcrb9202	1A	0.04	mioa5955	1AC	2.06855e-03
fcrc6305			ncrc0672	1AC	2.23855e-03
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hfcr3660	1A	0.04	seoc1631	1AC	2.71926e-03
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miob2833	1A	0.04	mioa1701	1AC	2.82574e-03
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ncrc3598	1A	0.04	ncrc5919	1AC	3.81434e-03
seoa4327	1A	0.04	fcrc7051	1AC	3.82487e-03
seoa7094	1A	0.04	seoa3322	1AC	3.82543e-03
seoa9916	1A	0.04	seob4216	1AC	4.4181e-03
seob0700	1A	0.04	mioc5664	1AC	4.42431e-03
seob1345	1A	0.04	hfcr0521	1AC	4.76360e-03
seob4191	1A	0.04	mioa2475	1AC	4.76360e-03
seoc4720	1A	0.04	seob1660	1AC	4.76360e-03
ncr0291	1A	0.04	fcrb2054	1AC	4.90887e-03
fcr3936	1A	0.04	miob4441	1AC	5.11853e-03
fcr5190	1A	0.04	seob5778	1AC	5.14747e-03
fcrb1399	1A	0.04	miod0195	1AC	5.19208e-03
fcrb1523	1A	0.04	mioc1910	1AC	5.43168e-03
fcrb5702	1A	0.04	mioa8622	1AC	5.48183e-03
fcrb7051	1A	0.04	seob2085	1AC	5.48183e-03
fcrb9430	1A	0.04	miod3579	1AC	5.84188e-03
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fcrc1879	1A	0.04	mioa6585	1AC	5.88330e-03
fcrc4658	1A	0.04		1AC	5.89493e-03
hfcr3134	1A	0.04	seoa6495	1AC	5.89880e-03
miob0939	1A	0.04	mioa6991	1AC	5.9049e-03
miob2656			ncrb5737	1AC	6.09961e-03
	1A	0.04	ncrc5663	1AC	6.16618e-03
miob3690	1A	0.04	ncrc1495	1AC	6.31851e-03
mioc8635	1A	0.04	seoa5838	1AC	6.31851e-03
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ncrb0602	1A	0.04	hfcr2963	1AC	6.54225e-03
ncrb2282	1A	0.04	fcrb3595	1AC	6.65596e-03
ncrc9557	1A	0.04	seoc3511	1AC	6.77289e-03
seoa1644	1A	0.04	miod5310	1AC	6.78152e-03
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seoa5637	1A	0.04	seoc5209	1AC	7.50804e-03
seoa6175	1A	0.04	fcrc6989	1AC	7.55113e-03
seob0133	1A	0.04	seob7755	1AC	8.04089e-03
seob1908	1A	0.04	seob3163	1AC	8.19449e-03
seob3367	1A	0.04	miob1126	1AC	8.32195e-03
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seob4333	1AC	8.89910e-03	fcr1853	1AC	0.01
ncr2930	1AC	9.25216e-03	seoa5994	1AC	0.01
fcr3277	1AC	9.43613e-03	seoa5833	1AC	0.01
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fcrb2457	1AC	9.49961e-03	seoa0418	1AC	0.01
seob6572	1AC	9.54268e-03	mioa0132	1AC	0.01
fcrb2754	1AC	9.56817e-03	fcrb9289	1AC	0.01
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fcrc4307	1AC	0.01	seoc1180	1AC	0.02
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fcrb4480	1AC	0.03	seoc2614		0.03
seob4002	1AC	0.03	seob6696	1AC	0.04
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ncrb7329	1AC	0.03	seoa0065	1AC	0.04
seoa6078	1AC	0.03	fcrb8080	1AC	0.04
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fcrc2008	1AC	0.04	fcrc18		5.57395e-04
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ncrc9355	1AC	0.04	ncrc68	388 1B	8.73736e-04
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seob0572	1AC	0.04	ncr858	38 1B	1.585433e-03
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seob0999	1AC	0.04	. miob81	L43 1B	1.866843e-03
miob9710	1AC	0.04	seoc10	025 1B	1.866843e-03
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mioc2348	1AC	0.04	ncr381		2.191755e-03
ncrc9739	1AC	0.04			
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seoa7373	1AC	0.04	ncrc9	700 1B	2.372265e-03
seob3313	1AC	0.04	seoa83	399 1B	2.372265e-03
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mioc3300	1AC	0.04			
			fcrc12		2.773181e-03
seoc2272	1AC	0.04	miob28		2.773181e-03
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fcrc0493	1AC	0.04	fcrb24		2.950074e-03
fcrc4848	1AC	0.04	fcrb99		2.995213e-03
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mioc2443	1AC	0.04	mioa50		3.192597e-03
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ncrc5844	1B	2.6e-05	seob08	379 1B	3.232776e-03
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	1B	1.26897e-04	ncrc39		3.48678e-03
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seoc2249	1B	3.59413e-03	seoa3516	1B	7.669588e-03
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fcrc1745	1B	4.686884e-03	seoa7212	1B	8.207892e-03
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ncr0212	1B	5.050847e-03	seoa0536	1B	9.383215e-03
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fcrb1503	1B	5.412379e-03	seoa5662	1B	9.383215e-03
fcrc0351	1B	5.412379e-03	seob0047	1B	9.383215e-03
mioc1910	1B	5.412379e-03	mioc1205	1B	9.969032e-03
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miob8947	1B	5.658293e-03	ncrc9401	1B	0.01
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seoa3359	1B	5.810553e-03	seob4270	1B	0.01
mioa9831	1B	5.852052e-03	miod6437	1B	0.01
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ncrc0174	1B	6.292611e-03	mioa9555	1B	0.01
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	1B	6.684094e-03	mioc1028	1B	0.01
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seoa0740	1B	6.684094e-03	seoa6393	1B	0.01
seoa2381	1B	6.684094e-03	seoc3876	1B	0.01
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ncrc8881	1B	7.162145e-03	fcrc2745	1B	0.01
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fcrc0637	1B	7.669588e-03	seoa5157	1B	0.01
fcrc4333	1B	7.669588e-03	seoa5685	1B	0.01
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mioc1438	1B	7.669588e-03	seoa1540	1B	0.01
ncrc0936	1B	7.669588e-03	fcr4743	1B	0.01
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mioc3930	1B	0.01	seob2987	18	0.01
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ncrc5760	1B	0.01	seob7729	1B	0.01
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fcrb2849	1B	0.01	mioa3331	1B	0.01
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fcrb4985	1B	0.01	seob6856	1B	0.02
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hfcr0045	1B	0.02	mioc4731	1B	0.03
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seoc0866	1B	0.03	ncrc3391	1B	0.04
ncrc4287	1B	0.03	seoa2936	1B	0.04
ncr2273	1B	0.03	seob6272		
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mioc4888	1B	0.04	ncrb1677	1C	0.01
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			miob4570	1C	0.01
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seoa4802	1B	0.04	ncr4946	1C	0.01
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miod5349	1C	7.314953e-03	mioa6476	1C	0.02
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seoc0394	1C	7.314953e-03	miob0764	1C	0.02
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miob2448	1C	8.919456e-03	mioc3962	1C	0.02
miob6087	1C	8.919456e-03	miod0456	1C	
mioc1440	1C	8.919456e-03			0.02
ncr1387	1C		miod5682	1C	0.02
		8.919456e-03	ncr0212	1C	0.02
seoa7178	1C	8.919456e-03	ncr8588	1C	0.02
seoa9997	-1C	8.919456e-03	ncrb2092	1C	0.02
seob0564	1C	9.170707e-03	ncrb4339	1C	0.02
fcrb6211	1C	0.01	ncrb5704	1C	0.02
fcrb6464	1C	0.01	ncrc1665	1C	0.02

ncrc6871	1C	0.02	fcrb9680	1C	0.03
seoa3863	1C	0.02	fcrc0180	1C	0.03
seoa4327	1C	0.02	fcrc2082		
				1C	0.03
seoa7647	1C	0.02	fcrc4734	1C	0.03
seob3182	1C	0.02	fcrc6228	1C	0.03
seob7747	1C	0.02	fcrc6888	1C	0.03
seoc6169	1C	0.02			
			fcrc6970	1C	0.03
fcrb1420	1C	0.02	mioa4196	1C	0.03
fcrb8236	1C	0.02	mioa6832	1C	0.03
fcrb9450	1C	0.02	mioa9033	1C	0.03
mioa4552	1C	0.02			
			mioa9891	1C	0.03
mioa8912	1C	0.02	miob2918	1C	0.03
miob3358	1C	0.02	miob3953	1C	0.03
mioc0276	1C	0.02	miob9336	1C	0.03
mioc2561	1C	0.02	miod6938	1C	0.03
mioc2592	1C	0.02			
			ncr2581	1C	0.03
mioc5633	1C	0.02	ncr7292	1C	0.03
miod0625	1C	0.02	ncr8234	1C	0.03
miod2570	1C	0.02	ncrb6394	1C	0.03
ncr3163	1C	0.02	ncrc0413	1C	0.03
ncr4656	1C	0.02	ncrc5959	1C	0.03
ncrb2400	1C	0.02	ncrc6795	1C	0.03
ncrb8385	1C	0.02	ncrc9642	1C	0.03
ncrc9166	1C	0.02	seoal615	1C	0.03
seoa6106		-0.02	seoa2042	1C	
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seob1144	1C	0.02	seoa4802	1C	0.03
seob3904	1C	0.02	seoa6497	1C	0.03
seob4363	1C	0.02	seoa8501	1C	0.03
seob7886	1C	0.02	seob0321	1C	0.03
fcr1098	1C	0.03	seob4160	1C	0.03
fcr1855	1C				
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fcr2088	1C	0.03	seob5711	1C	0.03
fcrb2380	1C	0.03	seob6836	1C	0.03
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fcrb7593	1C	0.03	fcrb5087	1C	0.03
fcrc4722	1C	0.03	fcr4503	1C	0.04
fcrc4816	1C	0.03	fcrb3024		
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fcrc4841	1C	0.03	fcrb3217	1C	0.04
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hfcr3486	1C	0.03	fcrc4968	1C	0.04
hfcr3514	1C	0.03	fcrc5160	1C	0.04
miob0202	1C	0.03	fcrc6609	1C	0.04
miob2227	1C	0.03	hfcr2314		
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miob9284	1C	0.03	mioa2475	1C	0.04
miob9714	1C	0.03	mioa3290	1C	0.04
mioc1107	1C	0.03	miob8711 `	1C	0.04
mioc3492	1C	0.03	miob9052	1C	0.04
miod1358	1C	0.03	mioc3413	1C	0.04
miod2232	1C				
		0.03	ncr0808	1C	0.04
miod6988	1C	0.03	ncr2370	1C	0.04
ncr0075	1C	0.03	ncr2994	1C	0.04
ncrc1653	1C	0.03	ncr3718	1C	0.04
ncrc2377	1C	0.03	ncr8481	1C	0.04
ncrc6920	1C	0.03	ncrb0328		
				1C	0.04
seoa6070	1C	0.03	ncrb6557	1C	0.04
seob1399	1C	0.03	ncrc0393	1C	0.04
seob2661	1C	0.03	ncrc0442	1C	0.04
seob2950	1C	0.03	ncrc0576	1C	0.04
seob6020	1C	0.03	ncrc1193	1C	
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seob9001	1C	0.03	ncrc6407	1C	0.04
fcrb8762	1C	0.03	seoa0913	1C	0.04
fcr4566	1C	0.03	seoa1856	1C	0.04
fcrb4275	1C	0.03	seoa2178	1C	0.04
fcrb4287	1C	0.03	seoa3007	1C	0.04
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seoa3106	1C	0.04	seoc6182	1D	1.703326e-03
seoa3359	1C	0.04	fcr3559	1D	2.051133e-03
seoa8399	1C	0.04	fcrc2014	1D	2.051133e-03
seob3151	1C	0.04			
			ncr7904	1D	2.051133e-03
seob3503	1C	0.04	ncrc1049	1D	2.459013e-03
seob5574	1C	0.04	seoa3847	1D	2.459013e-03
seoc2504	1C	0.04	seob4270	1D	2.459013e-03
seoc4416	1C	0.04	seoc0775	1D	2.459013e-03
ncr1876	1C	0.04	mioc7444	1D	
					2.935338e-03
ncr6401	1C	0.04	ncrb8665	1D	2.935338e-03
fcrb3016	1C	0.04	seoa4056	1D	2.935338e-03
fcrb8121	1C	0.04	seoa6620	1D	2.935338e-03
fcrb9583	1C	0.04	fcrb2633	1D	3.489334e-03
fcrc4360	1C	0.04	hfcr6370	1D	3.489334e-03
hfcr2686	1C	0.04			
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mioa0601	1C	0.04	ncrc0544	1D	3.489334e-03
mioa4077	1C	0.04	seob0755	1D	3.489334e-03
mioa4484	1C	0.04	seob9871	1D	4.12035e-03
mioa4753	1C	0.04	ncrb1420	1D	4.131123e-03
mioa8952	1C	0.04	ncrc8909	1D	4.131123e-03
mioa9067		0.04			
	1C		seoa3639	1D	4.131123e-03
miob3257	1C	0.04	seoa5444	1D	4.131123e-03
miob3552	1C	0.04	seoa9817	1D	4.131123e-03
miob4126	1C	0.04	ncr1387	1D	4.414279e-03
miob5016	1C	- 0.04	fcrb6005	1 D	4.871761e-03
miob9441	1C	0.04	hfcr6501	1D	4.871761e-03
mioc0181					
	1C	0.04	mioc1783	1D	4.871761e-03
mioc3523	1C	0.04	ncr3843	1D	4.871761e-03
mioc4331	1C	0.04	ncrc1003	1D	4.871761e-03
mioc8750	1C	0.04	ncrc6623	1D	4.871761e-03
ncr0335	1C	0.04	fcrb3169	1D	5.723282e-03
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ncr3141	1C	0.04			
			hfcr2314	1D	5.723282e-03
ncr5027	1C	0.04	mioa4845	1D	5.723282e-03
ncr5065	1C	0.04	miob9905	1D	5.723282e-03
ncr8975	1C	0.04	mioc1940	1D	5.723282e-03
ncr9378	1C	0.04	mioc4190	1D	5.723282e-03
ncrc0445	1C	0.04	mioc6320	1D	5.723282e-03
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			ncrc6811	1D	5.723282e-03
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seoa1460	1C	0.04	seoa2641	1D	6.698726e-03
seoa5742	1C	0.04	seoa7669	1 D	6.698726e-03
seoa7530	1C	0.04	seoa8543	1D	6.698726e-03
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			seob0154	1D	6.698726e-03
seob0200	1C	0.04	fcrb9655	1D	7.812173e-03
seob4127	1C	0.04	hfcr0285	1D	7.812173e-03
seob6017	1C	0.04	mioa4552	1D	7.812173e-03
seob9152	1C	0.04	mioa9821	1D	7.812173e-03
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hfcr0521	1D	1.21e-05	ncrb4319		
				1D	7.812173e-03
miod4464	1D	3.22085e-04	fcrb2452	1D	9.078758e-03
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seoa6152	1D	1.158413e-03	seoa2428	1D	9.078758e-03
fcrb5550		1.408023e-03			
	1D		seoa3852	1D	9.078758e-03
ncrb8385	1D	1.408023e-03	fcr1879	1D	0.01
ncrc9637	1D	1.408023e-03	fcrb6896	1D	0.01
ncrc9910	1D	1.408023e-03	mioa0252	1D	0.01
seoa5577	1D	1.703326e-03	mioa6476	1D	0.01
seob4363	1D	1.703326e-03	miod3591	1D	0.01
20021000	10	1.,000206 00	WTOG5391	×υ	0.01

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ncrb8605	1D	0.01	ncrc9286	1D	0.01
ncrc2080	1D	0.01	seoa3863	1D	0.01
seoa9870	1D	0.01	seoa4053	1D	0.01
ncr3237	1D	0.01	seob0442	1D	0.01
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fcr1562	1D	0.01	seob6279	1D	0.01
fcrc6470	1D	0.01	seoc0924	1D	0.01
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mioa4318	1D	0.01	seoa8993	1D	0.01
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miod7429	1D	0.01	fcrb7780	1D	0.02
ncrc0262	1D	0.01	mioa0494	1D	0.02
ncrc3045	1D	0.01	mioa3945	1D	0.02
seoa4040	1D	0.01	mioa5511	1D	0.02
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seob1526	1D	0.01	seoa6377	1D	0.02
seob6379	1D	0.01	seoa7897	1D	0.02
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fcrb1503	1D	0.01	seob1285	1D	0.02
fcrb5726	1D	0.01			
			seob5219	1D	0.02
fcrc1043	1D	0.01	seob7765	1D	0.02
fcrc5516	1D	0.01	seoc0149	1D	0.02
mioa3963	1D	0.01	fcrb3592	1D	0.02
mioc1590	1D	- 0.01	fcrb5070	1D	0.02
mioc2997	1D	0.01	fcrc4360	1D	0.02
mioc5203	1D	0.01			
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ncrc2394	1D	0.01	ncr3189	1D	0.02
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seoa6118	1D	0.01	seoa5253	1D	0.02
seob9872	1D	0.01	seoa8401	1D	0.02
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fcrb4321	1D	0.01	ncr0451	1D	0.02
fcrb1731	1D	0.01	fcrb3192	1D	0.02
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fcrb6012	1D				
		0.01	hfcr2890	1D	0.02
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ncr1523	1D	0.01	miod6324	1D	0.02
ncr4140	1D	0.01	ncr0335		
ncr4522				1D	0.02
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ncr6072	1D	0.01	ncrb3314	1D	0.02
ncr7532	1D	0.01	ncrb6394	1D	0.02
seoa3105	1D	0.01	ncrc4597	1D	0.02
seoa8300	1D	0.01	seoa8486	1D	0.02
seob0752	1D	0.01	seob0085	1D	0.02
seob5319	1D				
		0.01	seob1319	1D	0.02
seob6206	1D	0.01	seob1345	1D	0.02
seob8301	1D	0.01	seob5528	1D	0.02
fcr0997	1D	0.01	seob6703	1D	0.02
fcr2195	1D	0.01	mioc0899	1D	0.02
fcrb1580	1D	0.01	ncrc2529	1D	
fcrb5796					0.02
	1D	0.01	fcr5836	1D	0.03
mioa4674	1D	0.01	fcrb6715	1D	0.03
miod6938	1D	0.01	fcrb6890	1D	0.03
ncr4647	1D	0.01	fcrb9401	1D	0.03
ncrc0863	1D	0.01	fcrc0597	1D	0.03
ncrc3777	1D	0.01	fcrc2096	1D	
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fcrc6108	1D	0.03	ncrc0576	1D	0.03
hfcr3375	1D	0.03	ncrc6846	1D	0.03
hfcr6634	1D	0.03	ncrc9232	1D	0.03
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mioa4064	1D	0.03	seob0265	1D	0.03
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			seob5213	1D	0.03
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ncr1476	1D	0.03	fcrb2208	1D	0.04
ncr3713	1D	0.03	fcrb3134	1D	0.04
ncrb1224	1D	0.03	fcrb4271	1D	0.04
ncrc2110	1D	0.03	fcrb5219	1D	0.04
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seob4333	1D	0.03	mioa3528	1D	0.04
seob6853	1D	0.03	mioa4196	1D	0.04
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seoc2589				1D	0.04
	1D	0.03	mioa8851	1D	0.04
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miob3234	1D	0.03	ncr8588	1D	0.04
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mioc4888	1D	0.03	ncrc0413	1D	0.04
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			ncrc1765	1D	0.04
mioc6374	1D	0.03	seoa3230	1D	0.04
mioc7421	1D	0.03	seoa7373	1D	0.04
miod0592	1D	0.03	seob0782	1D	0.04
miod4895	1D	0.03	seob3493	1D	0.04
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ncr3316	1D	0.03	seob6131	1D	
ncrb2131	1D				0.04
		0.03	seoc2131	1D	0.04
ncrc0646	1D	0.03	seoc2510	1D	0.04
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seoall17	1D	0.03	seoc2249	1D	0.04
seoa2744	1D	0.03			
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	1D	0.03	fcr5350	1D	0.04
seoa4132	1D	0.03	fcrb1399	1D	0.04
seob6584	1D	0.03	fcrb5850	1D	0.04
seoc1480	1D	0.03	fcrc0795	1D	0.04
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			hfcr6611	1D	0.04
fcrb7237	1D	0.03	mioa1882	1D	0.04
fcrb7321	1D	0.03	miob2668	1D	0.04
mioa5085	1D	0.03	miob3531	1D	0.04
mioa6731	1D	0.03	miob5016	1D	0.04
miob8711	1D	0.03	miob8418	1D	0.04
mioc4994	1D	0.03			
			mioc0902	1D	0.04
ncr0509	1D	0.03	mioc2662	1D	0.04
ncrb2092	1D	0.03	mioc3663	1D	0.04
ncrb4182	1D	0.03	mioc8063	1D	0.04
ncrb7516	1D	0.03	miod3327	1D	0.04

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miod6731	1D	0.04	miod7461	1E	3.68556e-04
ncr0212	1D	0.04	fcr4699	1 E	4.06485e-04
ncr0673	1D	0.04	fcrb3237	1E	4.06485e-04
ncrb8332	1D	0.04	fcrb6431	1E	4.06485e-04
ncrc0849	1D	0.04	fcrc5142		
ncrc6697				1E	4.06485e-04
	1D	0.04	ncr4545	1E	4.9315e-04
ncrc7040	1D	0.04	seoa5253	1E	4.9315e-04
ncrc8949	1 D	0.04	fcrb3244	1E	5.42475e-04
seoa3245	1D	0.04	fcrb4345	1E	5.42475e-04
seoa5911	1D	0.04	fcrc0529	1E	
seob8386					5.42475e-04
	1D	0.04	hfcr3149	1E	5.42475e-04
seob8639	1D	0.04	ncr3527	1E	5.96221e-04
seoc1009	1D	0.04	ncrc2273	1E	5.96221e-04
seoc2518	. 1D	0.04	seob8311	1E	5.96221e-04
seoc5209	1D	0.04	seob9872	1E	5.96221e-04
fcr5509	1E	5.52e-06	fcr1328		
				1E	6.54736e-04
miob9748	1E	6.23e-06	fcrb2993	1 E	6.54736e-04
ncr4140	1E	8.29e-06	fcrc6976	1E	6.54736e-04
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miod1675	1E	1.81e-05	seoa5234	1 E	6.54736e-04
mioc1107	1E	2.05e-05	mioa4564	1E	7.18387e-04
fcrc0672	1E	2.63e-05	miod7414		
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ncrb2091	1E	2.97e-05	seob2195	1 E	7.18387e-04
seob5379	1E	3.35e-05	fcrb3870	1E	7.8757e-04
miod5651	1E	- 5.38e-05	hfcr3922	1E	7.8757e-04
fcrb4799	1E	6.03e-05	miob1115	1E	7.8757e-04
fcrc0839	1E	6.03e-05	ncrc2670	1E	7.8757e-04
seob1766	1E	6.03e-05			
			fcrb3135	1E	8.62701e-04
fcr4084	1E	7.58e-05	fcrb6225	1E	8.62701e-04
fcrb9569	1E	7.58e-05	fcrb6808	1E	8.62701e-04
mioc2872	1E	8.48e-05	mioc2152	1E	8.62701e-04
miod7440	1E	8.48e-05	mioc2667	1E	8.62701e-04
seoa4802	1E	8.48e-05	miod3347	1E	8.62701e-04
ncr5168	1E	1.31557e-04	seob6446		
				1E	8.62701e-04
miob3982	1E	1.46458e-04	fcrb6502	1E	9.44225e-04
miod6947	1E	1.55187e-04	miod3854	1E	9.44225e-04
miob4668	1E	1.62887e-04	ncr3306	1E	9.44225e-04
ncr5055	1E	1.62887e-04	fcr4128	1E	1.032616e-03
seob7929	1E	1.62887e-04	fcrb3868	1E	1.032616e-03
ncrc3895	1E	1.80984e-04	fcrb6181	1E	1.032616e-03
seoc0780	1E	1.84e-04			
			mioc0824	1E	1.032616e-03
miod1195	1E	2.00899e-04	ncr8177	1E	1.032616e-03
ncrb1956	1E	2.00899e-04	fcrb4003	1E	1.128372e-03
fcrb7113	1E	2.05387e-04	ncrb0364	1E	1.128372e-03
fcrc1080	1E	2.22795e-04	fcrb3461	1E	1.232026e-03
miod7270	1E	2.22795e-04	miob6438	1E	1.232026e-03
ncrb0384	1E	2.22795e-04	mioc3492		
				1E	1.232026e-03
ncrc4531	1E	2.22795e-04	ncrc3842	1E	1.232026e-03
fcr5618	1E	2.35e-04	ncrc9428	1E	1.232026e-03
fcrb3217	1E	2.46844e-04	seoa4066	1E	1.232026e-03
fcrb4656	1E	2.46844e-04	seoa7249	1E	1.232026e-03
fcrc7057	1E	2.46844e-04	seoa7295	1E	1.232026e-03
mioc1440	1E	2.46844e-04	seob9282	1E	
					1.232026e-03
fcrb5339	1E	2.73236e-04	fcrb1691	1 E	1.34414e-03
ncrc3520	1E	2.73236e-04	mioc1438	1 E	1.34414e-03
ncrc4885	1E	2.73236e-04	ncrc3690	1E	1.34414e-03
ncrc9736	1E	2.73236e-04	seob1153	1E	1.34414e-03
ncrc0728	1E	3.02172e-04	fcr1748	1E	1.465309e-03
ncrc2507	1E	3.02172e-04	fcrb4988	1E	1.465309e-03
seoc0416					
	1E	3.02172e-04	hfcr2616	1E	1.465309e-03
fcrc0487	1E	3.33867e-04	seoa2641	1E	1.465309e-03
seob4117	1E	3.33867e-04	seob3088	1E	1.465309e-03
seoa6930	1E	3.59091e-04	seob6882	1E	1.465309e-03
fcrb4391	1E	3.68556e-04	fcrb2704	1E	1.596162e-03
			20122.01		2.0501020 05

fcrb4077	1E	1.596162e-03	fcrb3704	1E	3.079469e-03
fcrc0775	1E	1.596162e-03	mioa2791	1E	3.079469e-03
fcrc5846	1E	1.596162e-03	mioa5586	1E	3.079469e-03
ncr4946	1E	1.596162e-03	mioc7620	1E	3.079469e-03
seoall00	1E	1.596162e-03	ncr0615	1E	3.079469e-03
fcrb3134	1E	1.737364e-03	ncr5613	1E	3.079469e-03
fcrb6187	1E	1.737364e-03			
			ncrb7102	1E	3.079469e-03
mioa8679	1E	1.737364e-03	ncrc2387	1E	3.079469e-03
ncrc3391	1E	1.737364e-03	ncrc3434	1E	3.079469e-03
seoa9421	1E	1.737364e-03	seoa8268	1E	3.079469e-03
fcrc4658	1E	1.889615e-03	seob6217	1E	3.132386e-03
hfcr3921	1E	1.889615e-03	fcrb5087	1E	3.151829e-03
mioc4089	1E	1.889615e-03	fcrb6432	1E	3.332111e-03
ncrc6981	1E	1.889615e-03	fcrb9655	1E	3.332111e-03
seoa9814	1E	1.889615e-03	fcrc5290	1E	3.332111e-03
fcrb2851	1E	2.053657e-03	fcrc6888	1E	3.332111e 03
fcrc6282	1E	2.053657e-03			
			miob3938	1E	3.332111e-03
mioa2073	1E	2.053657e-03	miob6099	1E	3.332111e-03
mioa7617	1E	2.053657e-03	ncrc3377	1E	3.332111e-03
ncr3034	1E	2.053657e-03	ncrc6417	1E	3.332111e-03
ncrb8383	1E	2.053657e-03	seoa0302	1E	3.332111e-03
seoa3989	1E	2.053657e-03	mioc7170	1E	3.415744e-03
seob7649	1E	2.053657e-03	seob3090	1E	3.433659e-03
seob7941	1E	2.053657e-03	ncrb0060	1E	3.505099e-03
mioc0899	1E	- 2.084443e-03	fcrb5164	1E	3.602913e-03
fcr1312	1E	2.230269e-03	hfcr2895	1E	3.602913e-03
fcr4803	1E	2.230269e-03	miob8143	1E	3.602913e-03
fcrb5305	1E	2.230269e-03	ncr0847		
fcrc0112	1E	2.230269e-03		1E	3.602913e-03
			ncrb6903	1E	3.602913e-03
mioa8484	1E	2.230269e-03	ncrc6459	1E	3.602913e-03
miob7922	1E	2.230269e-03	ncrc6953	1E	3.602913e-03
ncr4673	1E	2.230269e-03	ncrc9159	1E	3.602913e-03
ncrb3498	1E	2.230269e-03	ncrc9709	1E	3.602913e-03
ncrc2888	1E	2.230269e-03	seoa1567	1E	3.602913e-03
seob0047	1E	2.230269e-03	seob7505	1E	3.602913e-03
miob8096	1E	2.267647e-03	fcr3936	1E	3.892973e-03
fcrb5253	1E	2.36428e-03	fcrb5928	1E	3.892973e-03
mioa4241	1E	2.42027e-03	fcrb9856	1E	3.892973e-03
mioa6731	1E	2.42027e-03	hfcr4349	1E	3.892973e-03
seoa1540	1E	2.42027e-03	mioa0891	1E	3.892973e-03
fcrc6916	1E	2.465032e-03	ncr3112	1E	3.892973e-03
fcrb7951	1E	2.474444e-03	ncr8827	1E	
fcrb7584		2.624525e-03			3.892973e-03
	1E		ncrc2701	1E	3.892973e-03
fcrc0166	1E	2.624525e-03	ncrc3436	1E	3.892973e-03
mioa3080	1E	2.624525e-03	seoa0464	1E	3.892973e-03
miob9714	1E	2.624525e-03	seoa5094	1E	3.892973e-03
miod1574	1E	2.624525e-03	seoa7250	1E	3.892973e-03
miod5369	1E	2.624525e-03	seob3462	1E	3.892973e-03
ncr5568	1E	2.624525e-03	seob7978	1E	3.892973e-03
ncrb0054	1E	2.624525e-03	fcr6748	1E	4.203441e-03
ncrc0249	1E	2.624525e-03	hfcr0501	1E	4.203441e-03
ncrc3799	1E	2.624525e-03	hfcr4423	1E	4.203441e-03
ncrc6756	1E	2.624525e-03	ncr2288	1E	4.203441e-03
ncrc9855	1E	2.624525e-03	ncr8594	1E	4.203441e-03
fcrc3998	1E	2.701854e-03	ncrb8392	1E	
fcrb7700					4.203441e-03
	1E	2.796352e-03	ncrc1595	1E	4.203441e-03
fcrb3342	1E	2.843941e-03	ncrc9228	1E	4.203441e-03
fcrb8080	1E	2.843941e-03	seoa1559	1E	4.203441e-03
miob8146	1E	2.843941e-03	seoa2734	1E	4.203441e-03
mioc2019	1E	2.843941e-03	seoa4167	1E	4.203441e-03
miod5184	1E	2.843941e-03	seob3517	1E	4.203441e-03
ncrc5744	1E	2.843941e-03	fcrb1890	1E	4.328333e-03
seoa9959	1E	2.843941e-03	hfcr2890	1E	4.366058e-03
fcrb5091	1E	2.938134e-03	seob3076	1E	4.392091e-03
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seob1844	1E	4.448804e-03	seoa3415	1E	5.674225e-03
seob4090	1E	4.507008e-03	seoa4107	1E	5.674225e-03
fcrb4721	1E	4.535517e-03	seob0639		
				1E	5.674225e-03
fcrb6667	1E	4.535517e-03	seob7229	1E	5.674225e-03
fcrb7829	1E	4.535517e-03	seoa4608	1E	5.687664e-03
fcrc1971	1E	4.535517e-03	fcrb1801	1E	6.105844e-03
miob2634	1E	4.535517e-03	fcrb2080		
			•	1E	6.105844e-03
mioc0337	1E	4.535517e-03	fcrb2866	1E	6.105844e-03
ncrb8693	1E	4.535517e-03	fcrb3782	1E	6.105844e-03
ncrc3777	1E	4.535517e-03	fcrb5841	1E	6.105844e-03
ncrc4985	1E				
		4.535517e-03	fcrb8877	1E	6.105844e-03
ncrc9004	1E	4.535517e-03	fcrc2429	1E	6.105844e-03
ncrc9642	1E	4.535517e-03	fcrc5233	1E	6.105844e-03
ncrc9729	1E	4.535517e-03	hfcr0489	1E	6.105844e-03
seob7346	1E	4.535517e-03	mioa7140	1E	6.105844e-03
seoc4093	1E	4.535517e-03	miob3042	1E	6.105844e-03
seob4766	1E	4.631477e-03	miob6518	1E	6.105844e-03
ncrc4920	1E	4.676963e-03	miob9671	1E	6.105844e-03
seob7747	1E	4.676963e-03	mioc4319	1E	6.105844e-03
fcrb2113	1E	4.890457e-03	miod4784	1E	6.105844e-03
fcrb5118	1E	4.890457e-03	ncr3960	1E	6.105844e-03
fcrb5867	1E	4.890457e-03	ncrc2600	1E	6.105844e-03
fcrb6484					
	1E	4.890457e-03	ncrc5844	1E	6.105844e-03
fcrb8949	1E	4.890457e-03	ncrc9712	1E	6.105844e-03
fcrc1014	1E	- 4.890457e-03	seob4752	1E	6.105844e-03
miob2869	1E	4.890457e-03	seob8999	1E -	6.105844e-03
miob5708	1E	4.890457e-03			
			seoc0705	1E	6.373843e-03
miod4518	1E	4.890457e-03	fcrb9096	1E	6.543015e-03
ncr4485	1 E	4.890457e-03	fcrb1769	1E	6.565913e-03
ncr6755	1E	4.890457e-03	fcrb2256	1E	6.565913e-03
ncrc2080	1E	4.890457e-03			
			fcrb2713	1E	6.565913e-03
seoa8276	1E	4.890457e-03	fcrb3330	1E	6.565913e-03
seob1319	1 E	4.890457e-03	fcrb6785	1E	6.565913e-03
seob4676	1E	4.890457e-03	fcrb8910	1E	6.565913e-03
ncr9108	1E	4.911008e-03	mioa2261	1E	6.565913e-03
fcrb2859	1E	5.26957e-03			
			mioa7957	1E	6.565913e-03
fcrb6635	1E	5.26957e-03	miob8572	1E	6.565913e-03
fcrc0481	1E	5.26957e-03	ncr3435	1E	6.565913e-03
fcrc1740	1E	5.26957e-03	ncrc1349	1E	6.565913e-03
fcrc6345	1E	5.26957e-03	ncrc2472	1E	6.565913e-03
fcrc6868	1E	5.26957e-03	ncrc5363	1E	6.565913e-03
hfcr0560	1E	5.26957e-03	ncrc9412	1E	6.565913e-03
mioc2561	1E	5.26957e-03	seoa9389	1E	6.565913e-03
ncrb4474	1E	5.26957e-03	seob6015	1E	6.565913e-03
ncrc5553		5.26957e-03			
	1E		fcr1068	1E	6.596445e-03
ncrc8949	1E	5.26957e-03	seoc0068	1E	6.651586e-03
seoa4202	1E	5.26957e-03	mioa7169	1E	6.962202e-03
seoa9094	1E	5.26957e-03	fcrb1539	1E	7.055974e-03
seob2077	1E	5.26957e-03	fcrb3314	1E	7.055974e-03
seob8300	1E	5.26957e-03	hfcr3134	1E	7.055974e-03
fcr1633	1E	5.674225e-03	ncr3811	1E	7.055974e-03
fcr4469	1E	5.674225e-03	ncr4975	1E	7.055974e-03
fcr4965	1E	5.674225e-03	ncrc3887	1E	7.055974e-03
fcrb1411					
	1E	5.674225e-03	seoa5157	1E	7.055974e-03
fcrb219.7	1E	5.674225e-03	seoa9873	1E	7.055974e-03
fcrb6171	1E	5.674225e-03	seob0817	1E	7.055974e-03
fcrc4971	1E	5.674225e-03	seob2966	1E	7.055974e-03
mioc0162	1E	5.674225e-03			
			seob9485	1E	7.055974e-03
ncr8337	1E	5.674225e-03	seoc1023	1E	7.055974e-03
ncr8413	1E	5.674225e-03	fcrb3227	1E	7.08625e-03
ncrc3526	1E	5.674225e-03	fcrc2775	1E	7.131424e-03
ncrc3735	1E	5.674225e-03			
			ncrc2227	1E	7.298626e-03
ncrc5072	1E	5.674225e-03	fcrb7812	1E	7.483981e-03
seoa0256	1E	5.674225e-03	seob0783	1E	7.547751e-03

fcr1388	. 1E	7.577631e-03	mioc3045	1E	9.349172e-03
fcr7419	1E	7.577631e-03	mioc5633	1E	9.349172e-03
fcrb1492	1E	7.577631e-03	ncr0420	1E	9.349172e-03
fcrb2196	1E	7.577631e-03	ncr3163	1E	9.349172e-03
fcrb2633	1E	7.577631e-03	ncrb8352	1E	9.349172e-03
fcrb4400	1E	7.577631e-03	ncrc3598	1E	9.349172e-03
fcrb5389	1E	7.577631e-03	seob3594	1E	9.349172e-03
fcrb7944	1E	7.577631e-03	seoc0018	1E	9.349172e-03
fcrc2573	1E	7.577631e-03	fcrc0430	1E	9.763205e-03
mioa1570	1E	7.577631e-03	hfcr3494	1E	9.763205e-03
miob7276	1E	7.577631e-03	fcrc6138	1E	9.895207e-03
miob8583	1E	7.577631e-03	miod2837	1E	9.96009e-03
ncr9378	1E	7.577631e-03	fcr1337	1E	0.01
ncrb4025	1E	7.577631e-03	fcr2303	1E	0.01
ncrc3596	1E	7.577631e-03	fcr4212	1E	0.01
seoa1575	1E	7.577631e-03	fcr4214	1E	0.01
seob3513	1E	7.577631e-03	fcr6708	1E	0.01
seob5556	1E	7.577631e-03	fcrc4151	1E	0.01
seob6758	1E	7.577631e-03	mioa2374	1E	0.01
seob7419	1E	7.577631e-03	mioc1524	1E	0.01
hfcr6406	1E	7.634442e-03	miod7442	1E	0.01
ncrc3840	1E	7.795327e-03	ncr3963	1E	0.01
fcrb4868	1E	7.885744e-03	ncrc3544	1E	0.01
mioa1532	1E	7.885744e-03	ncrc4384	1E	0.01
fcrb1202	1E	- 8.132553e-03	ncrc6332	1E	0.01
fcrb2208	1E	8.132553e-03	miob2533	1E	0.01
fcrb6351	1E	8.132553e-03	miob2555	1E	0.01
fcrc0637	1E	8.132553e-03	fcrb7240	1E	0.01
fcrc5850	1E	8.132553e-03	seob5751	1E	0.01
ncrc0457	1E	8.132553e-03	seoa0536	1E	0.01
ncrc3257	1E	8.132553e-03	hfcr0676	1E	0.01
ncrc3802	1E	8.132553e-03	fcrb6481	1E	0.01
ncrc8988	1E	8.132553e-03	ncr0927	1E	0.01
ncrc9469	1E	8.132553e-03	seob6835	1E	0.01
seob1213	1E	8.132553e-03	fcrb4238	1E	0.01
seob8029	1E	8.132553e-03	fcrc1115	1E	0.01
seob9333	1E	8.132553e-03	fcrc6877	1E	0.01
mioc1995	1E	8.415065e-03	mioa0252	1E	0.01
miod5218	1E	8.473284e-03	mioal388	1E	0.01
ncrb2085	1E	8.473284e-03	miob3427	1E	0.01
fcr1305	1E	8.722468e-03	miob8609	1E	0.01
fcrb2784	1E	8.722468e-03	miob8830	1E	0.01
fcrb3615	1E	8.722468e-03	mioc1125	1E	0.01
fcrb4926	1E	8.722468e-03	mioc5226	1E	0.01
fcrb6031	1E	8.722468e-03	miod1236	1E	0.01
fcrb7127	1E	8.722468e-03	ncrc2196	1E	0.01
fcrb9222	1E	8.722468e-03	ncrc2868	1E	0.01
fcrc2471	1E	8.722468e-03	ncrc5631	1E	0.01
hfcr5737	1E	8.722468e-03	seoa3408	1E	0.01
mioc3930	1E	8.722468e-03	seoa7126	1E	0.01
mioc4270	1E	8.722468e-03	seob4584	1E	0.01
ncr2995	1E	8.722468e-03	seoc0220	1E	0.01
seoa0469	1E	8.722468e-03	seoc1876	1E	0.01
seoal419	1E	8.722468e-03	miod1358	1E	0.01
seoa2765	1E	8.722468e-03	fcr0111	1E	0.01
seoa9930	1E	8.722468e-03	fcr3528	1E	0.01
seob5478	1E	8.722468e-03	fcrb1720	1E	0.01
seoc2447	1E	8.722468e-03	fcrb2639	1E	0.01
miod6364	1E	9.069698e-03	fcrb3896	1E	0.01
fcr6630	1E	9.098454e-03	fcrb4985	1E	0.01
fcrb1578	1E	9.349172e-03	fcrb9611	1E	0.01
fcrb3702	1E	9.349172e-03	fcrc2082	1E	0.01
mioa4245	1E	9.349172e-03	fcrc6419	1E	0.01
miob6597	1E	9.349172e-03	mioa6428	1E	0.01

miob3411	1E	0.01	fcrc4307	1E	0.01
miob8707	1E	0.01	mioa7239	1E	0.01
ncrb2558	1E	0.01	miob7550	1E	0.01
ncrc0383	1E	0.01			
			mioc4366	1E	0.01
ncrc6941	1E	0.01	ncr3404	1E	0.01
ncrc9612	1E	0.01	ncr7924	1E	0.01
seoa3633	1E	0.01	ncrc2730	1E	0.01
seob1891	1E	0.01	ncrc3171	1E	0.01
seob1981	1E	0.01	ncrc4135	1E	0.01
miob9248	1E	0.01			
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fcrb8762	1E	0.01	seoa7542	1E	0.01
ncrb0164	1E	0.01	seoa7647	1E	0.01
fcrb3933	1E	0.01	seob0409	1E	0.01
fcrb4281	1E	0.01	seob0928	1E	0.01
fcrb4413	1E	0.01	mioc2726	1E	0.01
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fcrb4721	1E	0.01			
			fcrb5202	1E	0.01
fcrb5440	1E	0.01	fcrc1689	1E	0.01
fcrb6062	1E	0.01	fcrc5086	1E	0.01
fcrb6236	1E	0.01	fcrc6990	1E	0.01
fcrb6750	1E	0.01	hfcr6033	1E	0.01
fcrb9963	1E	0.01	ncr4118	1E	0.01
fcrc4876	1E	0.01	ncrb5244	1E	0.01
mioal891	1E	0.01			
			ncrc9401	1E	0.01
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mioc2204	1E	0.01	seob0918	1E	0.01
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ncr2996	1E	0.01	seob4165	1E	0.01
ncr3843	1E	0.01	miod5793	1E	0.01
ncrb7482	1E	0.01	seoc2029	1E	0.01
ncrc5025	1E	0.01	seob2953	1E	0.01
ncrc9519	1E	0.01	fcrc6382		
ncrc9739				1E	0.01
	1E	0.01	mioc4667	1E	0.01
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seob1009	1E	0.01	fcrb1856	1E	0.01
seob8911	1E	0.01	fcrb2254	1E	0.01
seoc1025	1E	0.01	fcrb4729	1E	0.01
seoc2136	1E	0.01	fcrb6033	1E	0.01
seoc5125	1E	0.01	fcrb6084	1E	0.01
ncrc0663	1E	0.01	fcrb7036	1E	0.01
ncrb8239	1E	0.01			
			fcrb7380	1E	0.01
fcrb2318	1E	0.01	fcrc4180	1E	0.01
miob8947	1E	0.01	fcrc6010	1E	0.01
seoa4464	1E	0.01	fcrc6228	1E	0.01
mioc7561	1E	0.01	mioa4229	1E	0.01
fcrb1684	1E	0.01	miob2386	1E	0.01
fcrb1969	1E	0.01	miob4370	1E	0.01
fcrb7703	1E	0.01	miob5119	1E	0.01
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ncr1768	1E	0.01	ncrc2928	1E	0.01
ncr4545	1E	0.01	ncrc5559	1E	0.01
ncrc6697	1E	0.01	ncrc5653	1E	0.01
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seob0201 seob9851			seoa2381	1E	0.01
	1E	0.01	seoa4460	1E	0.01
seoa9129	1E	0.01	seob1196	1E	0.01
seob2938	1E	0.01	seob5645	1E	0.01
fcrb9364	1E	0.01	seob6415	1E	0.01
mioc1357	1E	0.01	seoc1175	1E	0.01
seoc2904	1E	0.01	seoa5433	1E	0.01
fcrb1573	1E	0.01	ncr3118	1E	0.01
			11013110		0.01

ncrb7600	1E	0.01	hfcr2821	1E	0.01
miob1059	1E	0.01	hfcr3834	1E	0.01
fcr0253	1E	0.01	mioa7955	1E	0.01
fcr3717	1E	0.01	miod3241	1E	0.01
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fcrc4277	1E	0.01	seob2156	1E	0.01
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hfcr5620	1E	0.01	seob9617	1E	0.01
mioc2891	1E	0.01	seoc2264	1E	0.01
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ncr9469	1E	0.01	fcrb9017	1E	
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ncrc4863	1E	0.01	mioc7986	1E	0.02
ncrc5492	1E	0.01	fcr3282	1E	0.02
ncrc8841	1E	0.01	fcrb3808	1E	
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seoa1672	1E	0.01	fcrc6460	1 E	0.02
seob6084	1E	0.01	hfcr5959	1E	0.02
seoc1009	1E	0.01	miob7443		
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seoc3519	1E	0.01	mioc3042	1E	0.02
fcrc5690	1E	0.01	mioc7509	1E	0.02
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seoa4587	1E	0.01	miod6437		
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fcrb8236	1E	0.01			
			seoc0651	1E	0.02
fcrb8422	1E	0.01	miod3160	1.E	0.02
fcrc6970	1E	0.01	seoc4900	1E	0.02
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mioa5097	1E	0.01	ncrc4772		
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seoa6453	1E	0.01	ncr7960	1E	0.02
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fcrb5912	1E	0.02	mioc4204	1E	0.02
fcrb6549	1E	0.02	seoa4436	1E	0.02
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mioc3111	1E	0.02	seob5551	1E	0.02
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fcrc4722	1E	0.03	seob7030	1E	0.03
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miob9820	1E	0.03	fcrb1876	1E	0.03
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mioc2097	1E	0.03	fcrb5564	1E	0.03
mioc4929	1E	0.03	fcrc0148	1E	0.03
miod4974	1E	0.03	fcrc2040	1E	0.03
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seoa9777	1E	0.03	ncr7904	1E	0.04
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fcrb5725	1E	0.03	seoa9042	1E	0.04
fcrb8981	1E	0.03	seoc1957	1E	0.04
fcrb9324	1E	0.03	mioa0601		
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fcrc6011	1E	0.03	seob1839	1E	0.04
fcrc6551	1E	0.03	fcrb2591	1E	0.04
fcrc7014	1E	0.03			
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mioa3392	1E	0.03	fcrb4981	1E	0.04
mioa3514	1E	0.03	hfcr5514	1E	0.04
mioa5447	1E	0.03	fcrb2715	1E	0.04
mioa8946		- 0.03			
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miob9679	1E	0.03	fcrb2979	1E	0.04
mioc4766	1E	0.03	fcrb6817		
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seoa9482	1E	0.03	ncrc3417		
seob0200	1E			1E	0.04
		0.03	ncrc7131	1E	0.04
seob5054	1E	0.03	seoa4327	1E	0.04
seob6133	1E	0.03	seob2735	1E	0.04
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seoa9997	1E	0.04	ncr0251		
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miob2709	1E	0.04		نتند	0.04
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	1E 1E 1E 1E	0.04 0.04 0.04 0.04	miob2116 ncr3718 fcrb8449 ncrc5804	1E 1E 1E 1E	0.04 0.04 0.04 0.04
fcrb1633 fcrb2499	1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04	miob2116 ncr3718 fcrb8449 ncrc5804 fcr2276	1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04
fcrb1633 fcrb2499 fcrb2849	1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04	miob2116 ncr3718 fcrb8449 ncrc5804 fcr2276 miod2334	1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04
fcrb1633 fcrb2499 fcrb2849 fcrb3219	1E 1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04 0.04	miob2116 ncr3718 fcrb8449 ncrc5804 fcr2276	1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04
fcrb1633 fcrb2499 fcrb2849	1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04	miob2116 ncr3718 fcrb8449 ncrc5804 fcr2276 miod2334 seob3139	1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04 0.04
fcrb1633 fcrb2499 fcrb2849 fcrb3219 fcrb3515	1E 1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob2116 ncr3718 fcrb8449 ncrc5804 fcr2276 miod2334 seob3139 seoc1881	1E 1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04 0.04 0.04
fcrb1633 fcrb2499 fcrb2849 fcrb3219 fcrb3515 fcrb8445	1E 1E 1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob2116 ncr3718 fcrb8449 ncrc5804 fcr2276 miod2334 seob3139 seoc1881 seoa8960	1E 1E 1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04 0.04 0.04
fcrb1633 fcrb2499 fcrb2849 fcrb3219 fcrb3515 fcrb8445 fcrb9636	1E 1E 1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob2116 ncr3718 fcrb8449 ncrc5804 fcr2276 miod2334 seob3139 seoc1881 seoa8960 fcrb2569	1E 1E 1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04 0.04 0.04
fcrb1633 fcrb2499 fcrb2849 fcrb3219 fcrb3515 fcrb8445 fcrb9636 fcrc5137	1E 1E 1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob2116 ncr3718 fcrb8449 ncrc5804 fcr2276 miod2334 seob3139 seoc1881 seoa8960	1E 1E 1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04 0.04 0.04
fcrb1633 fcrb2499 fcrb2849 fcrb3219 fcrb3515 fcrb8445 fcrb9636	1E 1E 1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob2116 ncr3718 fcrb8449 ncrc5804 fcr2276 miod2334 seob3139 seoc1881 seoa8960 fcrb2569 fcrb6472	1E 1E 1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04
fcrb1633 fcrb2499 fcrb2849 fcrb3219 fcrb3515 fcrb8445 fcrb9636 fcrc5137 fcrc5328	1E 1E 1E 1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob2116 ncr3718 fcrb8449 ncrc5804 fcr2276 miod2334 seob3139 seoc1881 seoa8960 fcrb2569 fcrb6472 fcrc0351	1E 1E 1E 1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04
fcrb1633 fcrb2499 fcrb2849 fcrb3219 fcrb3515 fcrb8445 fcrb9636 fcrc5137	1E 1E 1E 1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob2116 ncr3718 fcrb8449 ncrc5804 fcr2276 miod2334 seob3139 seoc1881 seoa8960 fcrb2569 fcrb6472	1E 1E 1E 1E 1E 1E 1E 1E	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04

fcrc6381	1E	0.04	seob0547	1E	0.04
hfcr1189	1E	0.04	seob0347	1E	0.04
hfcr2770	1E	0.04			
miob5810	1E	0.04	seob5395	1E	0.04
miod6025	1E	0.04	hfcr5865	1E	0.04
			fcrc5402	1E	0.04
ncrb4869	1E	0.04	miob9228	1E	0.04
ncrb8538	1E	0.04	hfcr5970	1E	0.04
ncrc0217	1E	0.04	ncrc4079	1E	0.04
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ncrc6416	1E	0.04	mioa2290	1F	1.00455e-04
ncrc8903	1E	0.04	mioa3987	1F	1.01e-04
seoal802	1E	0.04	hfcr4489	1F	1.17e-04
seoa3555	1E	0.04	ncr2363	1F	1.17e-04
seoa5447	1E	0.04	mioc5633	1F	1.43481e-04
seob1908	1E	0.04	fcrb4383	1F	1.45e-04
seoc1230	1E	0.04	mioa2204	1F	
mioa1077	1E	0.04			1.61204e-04
fcrc3958	1E	0.04	seoa3516	1F	1.61204e-04
mioc1002	1E	0.04	hfcr6129	1F	1.84e-04
ncrc9440	1E		ncr0132	1F	1.89e-04
		0.04	mioa8439	1F	2.36e-04
seoc3554	1E	0.04	ncr3598	1 F	2.41e-04
fcrc0725	1E	0.04	fcr3936	1F	2.51e-04
seob9734	1E	- 0.04	mioa8864	1F	2.53933e-04
ncr2583	1E	0.04	fcrb1296	1 F	2.69e-04
fcrb1775	1E	0.04	hfcr6033	1F	2.73e-04
fcrb1916	1E	0.04	ncrc3257	1F	2.77e-04
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miob0487	1E	0.04	fcr6748	1 F	3.0e-04
seoa4829	1E	0.04	mioa3321	1F	3.02e-04
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fcrc2376	1E	0.04	seoa5554	1F	3.36e-04
fcrc2737	1E	0.04	mioa3392	1F	3.68e-04
fcrc4948	1E	0.04	mioa2213	1F	3.85e-04
ncr0451	1E	0.04	fcrb2784	1 F	3.9297e-04
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ncrc4882	1E	0.04	ncrb8530	1F	4.1e-04
seoa3670	1E	0.04	ncr3614	1F	4.14e-04
seob0483	1E	0.04	seoc1025	1 F	4.3e-04
seob5762	1E	0.04	ncr4975	1F	4.61e-04
fcr5425	1E	0.04	seob4075	1F	4.85728e-04
fcrb4388	1E	0.04	ncr7839	1F	5.15e-04
fcrb7885	1E	0.04	ncr3815	1F	5.17e-04
fcrc4848	1E	0.04	hfcr5942	1F	5.23e-04
fcrc5007	1E	0.04	ncr8843	1F	5.4e-04
mioa1165	1E	0.04	fcr4212	1F	5.61e-04
mioa3987	1E	0.04	fcrb2334	1F	5.71e-04
miob2067	1E	0.04	hfcr2275		
miob2756	1E	0.04	mioa7465	1F	5.9789e-04
miob7373	1E	0.04	miob5810	1F	6.04e-04
mioc3332	1E	0.04		1F	6.13e-04
mioc7542	1E	0.04	hfcr5864	1F	6.22e-04
mioc8055	1E	0.04	fcrc6542	1F	6.5e-04
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	1E	0.04	mioa0311	1 F	6.62324e-04
ncrc0558	1E	0.04	mioc7381	1 F	6.62324e-04
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ncrc3856	1E	0.04	miob1545	1F	7.28e-04
seoa2385	1E	0.04	fcrb1633	1F	7.31e-04
seoa4708	1E	0.04	mioa1276	1F	7.32964e-04
seoa8556	1E	0.04	seoa5849	1 F	7.39e-04
seoa9705	1E	0.04	fcrb5467	1F	7.45e-04

seoa2385	1F	7.63e-04	seob3697	1F	1.914664e-03
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fcr4414	1F 1F	8.11e-04 8.14e-04	miod3558	1F	2.053453e-03
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seob8368	1F	8.38e-04	seoc4260	1F 1F	2.126705e-03 2.16146e-03
seob3468	1F	8.52e-04	mioa8150	1F	2.10140e=03 2.221472e=03
mioa1704	1F	8.62e-04	ncrb3369	1F	2.227846e-03
hfcr5905	1F	8.63e-04	hfcr6141	1F	2.247103e-03
seoa3392	1F	8.67e-04	seoc0068	1F	2.284571e-03
ncr2967	1F	8.69e-04	ncr3037	1F	2.287966e-03
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fcrc5136	1F	9.87503e-04	mioc0950	1F 1F	2.508241e-03 2.588257e-03
ncrb5972	1F	-1.013154e-03	seob4140	1F	2.589542e-03
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fcrb7324	1F	1.132955e-03	mioa1868	1 F	2.739644e-03
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hfcr5499	1F	1.299893e-03	seob6015	1F 1F	2.782919e-03 2.805059e-03
fcrb2246	1F	1.302022e-03	mioc7471	1F	2.877428e-03
miod1389	1F	1.318907e-03	seoa1749	1 F	2.894471e-03
fcr4902	1F	1.361678e-03	seob7465	1F	2.982853e-03
fcrb2254	1 F	1.375926e-03	ncr4572	1F	2.989794e-03
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fcrc1803	1F	1.449724e-03	fcrb6715	1F	2.992521e-03
miob3757	1F	1.449724e-03	ncrc1411	1 F	3.058649e-03
fcrb2162	1F	1.456955e-03	hfcr2930	1F	3.059881e-03
mioa3693 fcrb2744	1F 1F	1.472788e-03	fcr3717	1F	3.061351e-03
ncr6137	1F	1.519135e-03 1.552827e-03	miod4019	1F	3.069637e-03
fcrb6508	1F	1.580622e-03	fcrb2080 ncr9175	1F 1F	3.191254e-03 3.251549e-03
fcrb1397	1F	1.592036e-03	hfcr6509	1F	3.257391e-03
mioa9062	1F	1.656379e-03	mioa2292	1F	3.259973e-03
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ncr0097	1 F	1.703212e-03	seoa4066	1F	3.271732e-03
mioa9891	1F	1.746709e-03	fcrb1950	1F	3.335219e-03
seoa0536	1 F	1.746709e-03	seoa9690	1F	3.339303e-03
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miob1830	1F	1.762715e-03	ncr7945	1F	3.346416e-03
fcrb2321	1F	1.829751e-03	hfcr6043	1F	3.358515e-03
fcrc0287 fcrb6868	1F	1.883587e-03	seob6486	1F	3.422066e-03
fcrc4722	1F 1F	1.914664e-03 1.914664e-03	mioa0607	1F	3.45556e-03
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miob7117	1F	1.914664e-03	seob8311	1F	3.529644e-03
		T. 2140046-02	miob0167	1F	3.551533e-03

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seoa1689	1F	3.551533e-03	seob1808	1F	4.961124e-03
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hfcr5473	1F	3.664884e-03	mioc4842	1F	5.15722e-03
ncr4009	1F	3.745829e-03	hfcr5522	1F	5.165867e-03
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ncr0609	1F	3.81321e-03	mioa5452	1F	5.191177e-03 5.191177e-03
seoa4829	1F	3.817245e-03	miob2093	1F	5.191177e-03 5.218484e-03
mioa2343	1F	3.845825e-03	ncrc0017	1F	
ncrc6953	1F	3.845825e-03	ncrc3457	1F	5.259195e-03 5.259195e-03
fcr5425	1F	3.859974e-03	mioa8820	1F	
ncr4485	1F	3.863747e-03	miod0456	1F	5.382406e-03
fcrb5639	1F	3.865895e-03	ncr3763		5.382406e-03
mioa4753	1F	3.865895e-03	ncrb1670	1F 1F	5.382406e-03
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miob0189	1F	3.865895e-03		1F	5.600028e-03
miod0187	1F	3.865895e-03	fcr2417	1F	5.638591e-03
seoa6238	1F	3.865895e-03	seoa5785 seoa1089	1F	5.696732e-03
seob1133	1F	3.865895e-03		1F	5.709807e-03
ncrc3030	1F	3.933089e-03	fcrb2510	1F	5.834736e-03
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fcrb6870	1F	4.203569e-03	seob7575	1F	6.097516e-03
mioc3958	1F	4.204555e-03	ncrc3593	1F	6.113977e-03
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seoc0957	1F	4.204555e-03	ncrc5019	1F	6.232511e-03
mioc0567	1F	4.232828e-03	mioc5194	1F	6.25157e-03
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fcrc3942	1F	4.385521e-03	mioa6721	1F	6.320005e-03
seob6701	1F	4.441698e-03	miob2466		
seoa4056	1F	4.458253e-03	ncr8481	lF 1F	6.320005e-03 6.320005e-03
seob8489	1F	4.541888e-03	ncrb8605	1F	6.320005e-03
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fcr3823	1F	4.569082e-03	miob6099	1F	6.326637e-03
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mioc7073	1F	4.595129e-03	seoa9889	1F	6.418044e-03
mioc2094	1F	4.690236e-03	fcr4699	1F	6.424174e-03
mioc2546	1F	4.717485e-03	fcr5019		
miob4307	1F	4.736268e-03	miod4269	1F 1F	6.499398e-03
fcr7656	1F	4.778951e-03	ncrb0571	1F	6.541189e-03 6.562046e-03
ncrc9855	1F	4.823976e-03	seob7419		
hfcr3674	1F	4.87135e-03	mioa2774	1F	6.640174e-03
fcrb5527	1F	4.893773e-03	ncr6401	1F	6.667082e-03
fcrb2207	1F	4.928943e-03	seoa7266	1F	6.682138e-03
mioc6156	1F	4.9342e-03	seob3699	1F	6.701766e-03
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mioa9147	1F	4.961124e-03	seob6380	1F	6.825088e-03
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ncrb6385	1F	4.961124e-03	hfcr5237	1F	6.840188e-03
		1.7011246 03	111015237	1 F	6.840188e-03

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mioa9033	1 F	6.840188e-03	ncrc6846	1 F	8.631293e-03
mioa9630	1 F	6.840188e-03	seoa5303	1F	8.631293e-03
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fcrb5297	1 F	6.946937e-03	miod5703	1F	8.861302e-03
fcrc3998	1F	6.962613e-03	ncrb1861	1F	8.882816e-03
ncrc9700	1F	6.962613e-03	mioc4420	1F	8.897141e-03
seob5260	1F	6.964546e-03	fcr5470	1F	8.900727e-03
ncrc4226	1F	6.994012e-03	miod5505		
seob4363	1F	7.032122e-03	fcrb2126	1F	8.920428e-03
ncr9502	1F	7.122344e-03		1F	9.199582e-03
seoa0469	1 F	7.122344e-03 7.129312e-03	ncrc1578	1F	9.205415e-03
mioa8851	1F	7.216452e-03	hfcr3224	1F	9.219579e-03
mioa5681	1F	7.210432e-03 7.217865e-03	miod2232	1F	9.250174e-03
miob8947	1F	7.23621e-03	seoa5578	1F	9.281899e-03
seoa5151	1F	7.23621e-03 7.267712e-03	mioa6991	1F	9.31265e-03
fcr0751	1F	7.378041e-03	ncr7570	1F	9.31265e-03
fcrc3993			seoa0420	1F	9.31265e-03
fcrb6620	1F	7.389258e-03	seoa8750	1F	9.31265e-03
fcrc6892	1F	7.397348e-03	seob1526	1 F	9.31265e-03
	1F	7.397348e-03	seob3322	1 F	9.31265e-03
hfcr0011	1F	7.397348e-03	miob2668	1F	9.456576e-03
miob7970	1F	7.397348e-03	seoc1078	1 F	9.467094e-03
ncrb0262	1F	-7.397348e-03	seob2163	1F	9.524093e-03
ncrc1192	1 F	7.397348e-03	ncr3040	1F	9.576948e-03
seoa7369	1 F	7.397348e-03	ncrb3449	1F	9.579048e-03
seoc1631	1F	7.397348e-03	ncr9429	1F	9.603911e-03
mioa1417	1F	7.397472e-03	ncrc4323	1 F	9.65164e-03
fcrb3079	1 F	7.406491e-03	fcrc4307	1 F	9.674174e-03
seoc0778	1F	7.492808e-03	seoa0137	1 F	9.678908e-03
ncrb3238	1F	7.636087e-03	mioa2330	1 F	9.685757e-03
mioc7662	1F	7.706037e-03	fcrb2306	1 F	9.694983e-03
seoa3415	1F	7.706037e-03	hfcr5228	1F	9.697553e-03
seob0442	1F	7.706037e-03	fcrb7700	1F	9.721976e-03
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mioa1304	1F	7.968902e-03	ncrb0200	1 F	9.990439e-03
fcrb0979	1F	7.993636e-03	fcrb1477	1F	0.01
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seoa0486	1F	7.993636e-03	mioc7444	1 F	0.01
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fcrb6574	1F	8.038684e-03	ncrc2831	1F	0.01
mioc0161	1F	8.075165e-03	ncrc4757	1F	0.01
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hfcr5860	1 F	8.106115e-03	seob0949	1F	0.01
ncrc3416	1F	8.126637e-03	seob1100	1F	0.01
miob2287	1 F	8.142773e-03	seob4793	1F	0.01
seob1419	1 F	8.163409e-03	seob5812	1F	0.01
fcrc0910	1 F	8.3518e-03	miod2412	1 F	0.01
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seoc1785	1F	8.437195e-03	miod5622	1F	0.01
ncr3276	1F	8.480045e-03	hfcr5719	1F	0.01
seoa8902	1F	8.536355e-03	seoa8814	1 F	0.01
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fcr0224	1 F	8.631293e-03	ncrb6742	1F	0.01
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mioa6093	1 F	8.631293e-03	fcrb6650	1 F	0.01
mioa9792	1F	8.631293e-03	fcrb1689	1F	0.01
ncr5426	1F	8.631293e-03	ncrb2092	1F	0.01

fama0405	1 177	0 01	2065		
fcrc0405	1F	0.01	ncr3965	1F	0.01
fcrc2014	1F	0.01	miod6467	1F	0.01
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ncr8995	1 F	0.01	seob9480	1F	0.01
hfcr1083		0.01	•		
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ncrc1904	1F	0.01	mioa2038	1 F	0.01
fcrc6855	1 F	0.01	hfcr0383	1F	0.01
mioc7731	1F	0.01	fcrc5190	1F	0.01
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miod4539	1F	0.01	mioa9935	1F	0.01
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fcr0990	1 F	0.01	ncr9487	1F	0.01
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seob7946	1F	0.01	seob5899	1F	0.01
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mioa3331				1F	0.01
witogooot	1F	0.01	seob6882	1F	0.01

mioa2158	1 🗅	0 01	. 14505		
	1F	0.01	miod4521	1 F	0.01
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fcrc4456	1F	- 0.01	seoc0924	1F	0.01
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miob1561	1 F	0.01	mioc4032	1F	0.01
mioc8437	1F	0.01	seoc4093	1F	0.01

b famEE14	1 -	0 01			
hfcr5514	1F	0.01	seob0992	1F	0.02
mioc7509	1F	0.01	seob8562	1F	0.02
seoc6862	1F	0.01	seoc2589	1F	0.02
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	1F		ncr3197	1 F	0.02
ncrb3702	1F	0.01	seoc6030	1F	0.02
fcrb3466	1F	0.01	mioc1707	1F	0.02
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hfcr3738	1F	0.01	miob3953		
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fcr7318	1F	0.01	seoc8175	1 F	0.02
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seoc6266	1F	0.01	ncrb6261	1F	0.02
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			ncrc1402	1F	0.02
ncr7666	1F	0.01	fcrb6028	1F	0.02
seob3419	1F	0.01	fcrc0357	1F	0.02
fcrc0529	1F	0.01	seoa7530	1F	0.02
mioa7361	1 F	0.01	fcr5571	1F	0.02
fcrc1745	1F	0.01			
			fcrc0415	1F	0.02
miod3827	1F	0.01	miod5123	1F	0.02
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seoc5228	1 F	- 0.01	fcrb7458	1F	0.02
ncrb6073	1F	0.01	fcrc3600	1F	0.02
ncrc4015	1F	0.01	seoa3665		
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ncr0806	1F	0.01	fcr0768	1F	0.02
fcrc4054	1F	0.01	hfcr5045	1F	0.02
fcrc5351	1F	0.01	fcrb8333	1F	0.02
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fcr4160	1F	0.01	ncrb7516	1F	0.02
fcrc4244	1F	0.01	ncrc3121	1F	0.02
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mioa8858	1F	0.02	seoa2051	1 F	0.02
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seob9750	1F	0.02	seob9420	1F	0.02
seob3747	1F	0.02	ncrc2472	1F	0.02
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miod7429	1 F	0.02	mioa1891	1 F	0.02
mioc7686	. 1F	0.02	ncrc0259	1F	0.02
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fcrb1678	1F	0.02			
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fcrc6196	1F	0.02	seoc1490	1 F	0.02
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miob7135	1F	0.02	miod1718	1F	0.02
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seoa4647	1 F	0.02	fcrc1209	1F	0.02
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			seoa4783	1F	0.02
seoa8401	1F	0.02	mioc0090	1F	0.02

mioc7296	1F	0.02	ncrc5025	1 F	0.02
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ncr7973	1F	0.02	miob9073	1F	0.02
ncrb0782					
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ncrc2273	1 F	0.02	miod2570	1F	0.02
mioc4667	1F	0.02	miod3347	1F	0.02
hfcr0501	1 F	0.02	ncrb0864	1F	0.02
seoc0502	1F	0.02			
			ncrb2400	1F	0.02
mioc7904	1F	0.02	ncrc2807	1F	0.02
fcrb2933	1 F	0.02	seoa5253	1F	0.02
fcrb6968	1 F	0.02	seob2938	1 F	0.02
fcrb7780	1F	0.02	seoc5218	1F	0.02
fcrc5139					
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fcrc5763	1 F	0.02	ncr3045	1F	0.02
mioa1979	1 F	0.02	mioc4161	1F	0.02
mioa6252	1 F	0.02	fcrb6651	1F	0.02
miob6536	1F	0.02	fcrc1014		
					0.02
miob9441	1 F	0.02	ncrc2018		0.02
mioc3683	1F	0.02	fcrc1207	1 F	0.02
mioc4319	1 F	0.02	fcrb6236	1F	0.02
miod5030	1 F	- 0.02	mioc7441	1F	0.02
ncr0083	1 F	0.02	ncr4648	1F	0.02
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			fcrc0096	1F	0.02
ncrc4759	1 F	0.02	mioc8682	1F	0.02
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seob7404	1 F	0.02	ncr5484	1F	0.02
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ncr8686	1 F	0.02	fcr5663	1F	0.02
seoa1041	1 F	0.02	miob8707	1F	0.02
seoa5731	1 F	0.02	ncr3397	1F	0.02
fcrb2156	1F	0.02	seob5894	1F	0.02
miob7391	1F	0.02	miod2834	1F	0.02
mioc2394	1 F	0.02	fcrb5812	1F	0.02
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mioc7774	1 F	0.02	fcrb8430	1F	0.02
fcrb9671	1 F	0.02	miod6134	1F	0.02
ncr6415	1 F	0.02	seoc2173	1F	0.02
ncrb6557	1F	0.02			
			seoa5800	1F	0.02
seob8501	1 F	0.02	fcrc5547	1F	0.02
seob4057	1 F	0.02	fcrb2150	1F	0.02
ncrc1595	1 F	0.02	fcrb4988	1F	0.02
fcr7646	1F	0.02	fcrb6663	1F	0.02
miob9325	1 F	0.02	fcrc5107	1F	0.02
ncrc9978	1F				
		0.02	fcrc6970	1F	0.02
fcrb2396	1F	0.02	mioa2528	1F	0.02
fcrb5351	1 F	0.02	miob9284	1 F	0.02
fcrb5534	1F	0.02	miob9817	1F	0.02
seob3594	1F	0.02	mioc2828	1F	0.02
miob1873	1F	0.02			
			miod0455	1F	0.02
mioc6878	1F	0.02	miod2977	1F	0.02
seoa9501	1F	0.02	ncr3843	1F	0.02
seob9292	1F	0.02	ncr9934	1F	0.02
fcrb6986	1 F	0.02	ncrc1102	1F	0.02
seob5004	1F	0.02	seob5767	1F	0.02
fcrb8674	1F	0.02			0.02
fcrc1298	1F	0.02	seob7278	1F	
*CIC1530	ΤĒ	0.02	seob9092	1F	0.02

seoc1764	1F	0.02	mioc1992	3 177	0 00
mioal621	1F	0.02		1F	0.02
fcr3181	1F	0.02	seoa0913	1F	0.02
			seoa7296	1F	0.02
miob8096	1F	0.02	seoc0098	1F	0.02
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mioc8934	1 F	0.02	ncrc6841	1 F	0.02
hfcr5959	1F	0.02	fcrb1562	1F	0.02
fcr5625	1 F	0.02	miob6702	1 F	0.02
seoa1439	1 F	0.02	mioc6274	1F	0.03
fcrb5603	1F	0.02	ncrb6675	1F	0.03
miob0974	1F	0.02	fcrb4232	1F	0.03
miob6355	1 F	0.02	fcrb5164	1F	0.03
fcrb5002	1 F	0.02	mioa1025	1F	0.03
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hfcr2955	1F	0.02	miob4956	1F	0.03
hfcr1177	1F	0.02	mioc2619	1F	0.03
fcrb0044			ncr1055	1F	0.03
	1F	0.02	ncr2695	1F	0.03
seoc5662	1F	0.02	ncrb4025	1F	0.03
mioc5240	1F	0.02	ncrc3104	1F	0.03
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ncr6920	1 F	0.02	ncrc9704	1F	0.03
seoall17	1F	0.02	seoa2900	1F	0.03
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ncrb2558	1 F	0.02	seob0263	1F	0.03
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mioa4548	1 F	0.02	seoc4756	1F	0.03
miob3474	1 F	0.02	seoa0024	1F	0.03
miob4673	1 F	0.02	fcrb5438	1F	0.03
miob6598	1F	0.02	. seoc4909	1F	0.03
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ncr3123	1F	0.02	ncrc2463	1F	0.03
ncr3782	1 F	0.02	seoa7078	1F	0.03
ncrc1326	1 F	0.02	seob6467	1F	0.03
seoa1083	1F	0.02	mioc6075	1F	0.03
seoa2402	1 F	0.02	mioc4077	1F	0.03
seoa3544	1 F	0.02	seob9730	1F	0.03
seoa9709	1 F	0.02	fcrb7237	1F	0.03
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fcrb2760	1F	0.02	seoa8738	1F	
fcrc5297	1F	0.02	seob6198	1F	0.03
mioa7317	1F	0.02	miod4370		0.03
seoal501	1F	0.02		1F	0.03
miod2786	1F	0.02	fcr4900	1F	0.03
fcrb4542	1F	0.02	seob6028	1F	0.03
ncrc0883	1F	0.02	seob4087	1F	0.03
hfcr6406	1F		. fcr3528	1F	0.03
ncrc5508		0.02	ncrc3141	1F	0.03
ncrc5608	1F	0.02	ncrb8404	1F	0.03
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ncrb0090	1F	0.02	miob9678	1F	0.03
seob5044	1F	0.02	fcrc5379	1F	0.03
seoc5134	1F	0.02	ncr4378	1F	0.03
fcr5472	1F	0.02	miob1178	1F	0.03
mioa5097	1 F	0.02	mioa1532	1F	0.03
ncrc3453	1F	0.02	seob6386	1F	0.03
miob8586	1 F	0.02	fcr4846	1F	0.03
miod4857	1F	0.02	fcrb4504	1F	0.03
mioc0649	1 F	0.02	mioa0840	1F	0.03

mioa2327	1F	0.03	ncrc5844	1F	0.03
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mioc3127	1F	0.03			
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mioc3962	1F	0.03	seoa4675	1F	0.03
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miod1157	1F	0.03	seoa8642		
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ncrc6264	1F	0.03	miod0228	1F	0.03
ncrc9044	1F	0.03			
			fcrb6185	1F	0.03
ncrc9237	1 F	0.03	ncrb2053	1 F	0.03
seoa2801	1 F	0.03	fcrb2430	1F	0.03
seob1268	1 F	0.03	ncrb2027	1F	0.03
seob6087	1F	0.03			
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fcr4722	1 F	0.03	ncrc0715	1 F	0.03
fcrb9324	$1\mathrm{F}$	0.03	seob6670	1 F	0.03
mioa3467	1F	0.03	fcrb3283	1F	0.03
ncrb7329	1F	0.03			
			seoa0064	1F	0.03
fcr4795	1 F	0.03	mioa3588	1 F	0.03
fcr5141	1 F	0.03	seoa1615	1F	0.03
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fcrc2807	1F	-0.03	seoc6004	1F	0.03
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fcrb2697	1F	0.03	seoc1495	1F	0.03
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seoc2221	1F	0.03			
			ncr9549	1F	0.03
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			fcrc6084	1F	0.03
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mioa4326	1F	0.03	hfcr5706	1F	0.03
seoa5685	1F	0.03	mioa4037	1F	0.03
seoa9377	1 F	0.03	mioa5468	1F	0.03
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			mioa6102	1F	0.03
fcrb5929	1 F	0.03	mioa6734	1F	0.03
seob6625	1 F	0.03	mioa8074	1F	0.03
ncr0019	1F	0.03	miob1139	1F	0.03
fcrc5137	1F	0.03			
fcr1914			miob3044	1F	0.03
	1F	0.03	miob5647	1 F	0.03
fcrb1775	1F	0.03	mioc2204	1 F	0.03
ncrc6925	1 F	0.03	ncr3588	1F	0.03
ncrb3348	1F	0.03	ncr4040		0.03
ncrc1537	1F			1F	
		0.03	ncr8725	1F	0.03
seoa3908	1F	0.03	ncr9469	1 F	0.03
ncr9003	1 F	0.03	ncrb8203	1 F	0.03
seoc6099	1F	0.03	ncrc0508	1F	
fcr1060	1F				0.03
		0.03	seoa2443	1F	0.03
fcr3559	1F	0.03	seoa3429	1 F	0.03
fcr4494	1F	0.03	seoa3701	1F	0.03
fcrb2190	1F	0.03	seoa7366	1F	0.03
fcrc2598	1F	0.03			
			seoa9711	1F	0.03
hfcr4640	1 F	0.03	seob8914	1F	0.03
miob0636	1F	0.03	seoc2136	1F	0.03
miob3234	1F	0.03	mioc4472	1F	0.03
miod1908	1F	0.03			
ncrb4166			seoc0284	1F	0.03
	1F	0.03	ncrb1247	1F	0.03
ncrc1889	1F	0.03	hfcr2664	1F	0.03
ncrc3171	1 F	0.03	miod4467	1F	0.03
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fcrb8690	1F	0.03	seoa6364	1F	0.03
seoa6930	1F	0.03	mioc3137	1F	0.03
seob4145	1F	0.03	ncrc8903	1F	0.03
fcr3367	1F	0.03	fcrb3715	1F	0.03
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ncr3751	1F	0.03	ncr3219	1F	0.04
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ncrc5716	1F	0.03	miob9529	1F	0.04
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fcrb5346	1F	0.03	seob0154	1F	0.04
ncrc8881	1F	0.03	ncrc1380	1 F	0.04
miob0681	1F	0.03	hfcr0370	1F	0.04
ncrc8892	1F	0.03	fcrb7255	1F	0.04
mioa3335	1F	0.03	fcrb6208	1 F	0.04
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mioc1971	1F	0.03	fcr2442	1F	0.04
mioc2360	1F	0.03	fcr7561	1F	0.04
ncrc1751	1F	0.03	fcrb1916		
seoa0860	1F	- 0.03		1F	0.04
seoa3737	1F	0.03	fcrb3518	1F	0.04
ncrc6587	1F	0.03	fcrb4231	1F	0.04
seoa4606	1F	0.03	fcrc6997	1F	0.04
seoa2244	1F	0.03	hfcr0439	1F	0.04
fcrb6949	1F	0.03	hfcr0489	1F	0.04
mioc2021	1F	0.03	hfcr2584	1F	0.04
seob0872	1F	0.03	mioa0601	1F	0.04
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miod6032	1F	0.03	mioa2079	1F	0.04
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fcr3599	1F	0.03	mioc1125	1F	0.04
fcrb1854	1F	0.03	miod4407	1F	0.04
fcrc4841	1F	0.03	ncr3718	1F	0.04
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mioc6114	1F	0.03	seoa0207	1F	0.04
miod5126	1F	0.03	seoa9160	1 F	0.04
ncr5709	1F	0.03	seob1196	1F	0.04
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seob8807	1F	0.03	fcrc4188	1F	0.04
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fcrb5339		0.03	fcrb1741	1F	0.04
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fcr4984	1F	0.03	seoc4038	1F	0.04
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seob6844	1F	0.03	fcrc3640	1 F	0.04
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miob0931	1F	0.03	ncrc3953	1F	0.04
ncrb6378	1 F	0.03	ncr2994	1F	0.04

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fcrb6281	1F	0.04	seoc1073	1F	0.04
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fcrb5763	1 F	0.04	seoc0009	1F	0.04
fcrb7829	1F	0.04	fcrb6640	1F	
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miob6098	1 F	0.04	seob5889	1F	0.04
seoa6621	1F	0.04	fcrb2196	1F	0.04
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mioc1808	1 F	0.04	fcrb8093	1F	0.04
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mioc0909	1 F	0.04	hfcr3091	1 F	0.04
miod0878	1 F	0.04	hfcr6110	1F	0.04
mioc0240	1 F	0.04	ncr3686	1F	0.04
ncr0612	1 F	0.04	ncrc1143	1F	0.04
seoa0040	1 F	0.04	ncrc2949	1F	0.04
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seoa1924	1 F	0.04	fcrb7803	1F	0.04
ncrb1438	1F	0.04			
seoa9712	1F		mioc4996	1F	0.04
		0.04	seoa2936	1 F	0.04
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ncrc3283	1 F	0.04	fcrb5294	1F	0.04
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ncr3483	1 F	0.04	miob8711	1F	0.04
seoc0999	1 F	0.04	seoa3230	1F	0.04
ncrc9286	1 F	0.04	miob0496	1F	0.04
mioc8671	1 F	0.04			
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seob2161	1F	0.04	seob4515	1F	0.04
miob7627	1 F	0.04	seoa4202	1F	0.04

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miob4712	1 F	0.04	seob0294	1G	4.757821e-03
seoa5528	1F	0.04	fcr4746	1G	5.04282e-03
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fcrb8495	1F	0.04	ncrb0328	1G	5.342732e-03
fcrc0487	1 F	0.04	seoa3639	1G	5.342732e-03
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mioa8773	1F	0.04	fcrc7087	1G	5.658209e-03
miob7938	1 F	0.04	miob0189	1G	5.658209e-03
miod6025	1F	0.04	mioc7372	1G	5.658209e-03
ncr8628	1F	0.04	ncr8606	1G	5.989924e-03
ncrb3980	1F	0.04	fcrc4692	1G	6.33857e-03
ncrc2763	1F	0.04	miob4574	1G	6.33857e-03
ncrc4000	1F	0.04	ncrc4757	1G	6.33857e-03
ncrc5162	1F	0.04	hfcr2756	1G	6.704863e-03
seoa5366	1F	0.04	miob9030	1G	6.704863e-03
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ncr7941	1F	0.04	fcrb6211	1G	7.089543e-03
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ncrc6981	1F	0.04		1G	7.917127e-03
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fcrc0559	1G	3.01e-05	ncrb8539	1G	8.361625e-03
seoa6560	1G	7.42e-05	seob1808	1G	8.361625e-03
miob7985	1G	3.4914e-04	fcr4306	1G	8.590878e-03
miob/905	1G	4.71848e-04	mioa6659	1G	8.827692e-03
ncr3527	1G	5.88272e-04	miob4413 ncrc2289	1G	8.827692e-03
fcrb6815	1G	9.02252e-04	mioc0999	1G	8.827692e-03 9.316185e-03
mioc6260	1G	1.110144e-03	seoa0488	1G	9.316185e-03
hfcr6611	1G	1.188468e-03	fcr2303	1G	9.827982e-03
mioa3399	1G	1.359944e-03	fcrb1769	1G	
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seoc2006	1G	1.360187e-03	fcrc0345	1G	9.827982e-03
ncr1699	1G	1.454132e-03	fcrc2573		
ncr1282	1G	1.89084e-03	fcrc5087	1G	9.827982e-03
fcrb5077	1G	2.016885e-03	miob9336	1G	9.827982e-03
mioc7444	1G	2.016885e-03	mioc3332	1G 1G	9.827982e-03 9.827982e-03
miob0167	1G	2.291704e-03	mioc3332		
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ncr0761	1G	2.441249e-03		1G	0.01
seob3025	1G	2.766654e-03	miob9668	1G	0.01
seob8051	1G	3.13006e-03	fcrb5775	1G	0.01
mioa8970	1G	3.535205e-03	miob9519	1G	0.01
ncrb0164	1G	3.535205e-03	mioc5103	1G	0.01
seob5632	1G	3.535205e-03	ncrc3604	1G	0.01
seoa2233	1G	3.754676e-03	ncrc5500	1G	0.01
seob9552	1G 1G	3.754676e-03	fcrb6509	1G	0.01
mioa0626	1G	3.986113e-03	fcrc4408	1G	0.01
fcrb9280	1G 1G		miod4220	1G	0.01
fcrc6119	1G 1G	4.230067e-03 4.230067e-03	ncr9105	1G	0.01
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	1G	4.487107e-03	seoa8684	1G	0.01
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seoa5833	1G	4.757821e-03	seob3090	1G	0.01

seob9574	1G	0.01	mioc2133	1G	0.02
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seob0304	1G	0.01	seoa1734	1G	0.02
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fcrb2218	1G	0.01	ncr9337	1G	0.02
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mioc3958	1G	0.01	ncr8171	1G	0.02
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mioc8423	1G	0.02	fcrb6536	1G	0.03
seob8092	1G	0.02	fcrb7645	1G	0.03
seoc2224	1G	0.02	fcrc1563	1G	0.03
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mioc8257	1G	0.02	mioc1971	1G	0.03
miod6671	1G	0.02	mioc5664	1G	0.03
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miob8583	1G	0.02	seob5214	1G	0.03

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seoc4137	1G	0.03	ncr2486	1G	0.04
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mioa1532	1G	0.03	fcrb2633	1G	0.04
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fcrb4360	1G	0.03	miob7209	1H	7.83893e-04
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mioc4351	1G	0.03	fcrb3330	1H	1.188468e-03
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seoa5392	1G	0.03	fcrb2162	1H	2.15038e-03
seob1889	1G	0.03	mioc2451	1H	2.15038e-03
seob6446	1G	0.03	miob8572	1H	2.291704e-03
seoc1278	1G	0.03	fcrc6345	1H	2.441249e-03
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hfcr1259	1G	0.04	seob3112	1H	2.441249e-03
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miod7246	1G	0.04	fcrb7944	1H	3.13006e-03
ncr3233	1G	0.04	fcrc2807	1H	3.13006e-03
ncrc5359	1G	0.04	hfcr1811	1H	3.32717e-03

miod5703	1H	3.32717e-03	fcrc5850	1H	0.02
ncr8628	1H	3.986113e-03	fcrb4413	1 H	0.03
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fcr7042	1 H	4.487107e-03	fcr1312	1 H	0.03
miod7421	1H	5.04282e-03	fcrc6010	1H	0.03
fcr1984	1H	5.342732e-03	mioa9581	1H	0.03
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seob5478	1 H	7.089543e-03	seoa8851	1 H	0.03
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miob6442	11	0.03	seoc4135	11	0.04
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ncr7934	11	0.04	mioa9555	1J	1.057776e-03
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ncrc4448	1 I	0.04	mioc5751	1J	1.963134e-03
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fcrb6817	11	0.04	seoc5039	1J	4.377496e-03
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fcrc1381	11	0.04	ncrc3624	1J 1 T	4.88056e-03
miob7443	1I	0.04		1J	5.150669e-03
miob7985	11	0.04	seoc0843	1J	5.433839e-03
mioc3484	11	0.04	hfcr0734	1J	5.730596e-03
seob2185	11	0.04	seoa4436	1J	5.730596e-03
seob7463	1I	0.04	ncrc4135	1J	6.041484e-03
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fcrc5024	11	0.04	mioc2074	1J	7.064602e-03
hfcr5260	1I	0.04	ncrc4089	1J	7.064602e-03
ncr2472	1I	0.04	seoc1175	1 <i>J</i>	7.064602e-03
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seob6000	1 I	0.04	fcrb2452	1J	9.107857e-03
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fcrb3056	11	0.04	ncrb8689	1J	0.01
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mioc6946	11	0.04	miob8259	1J	0.01
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fcrb2437	1J	0.01	ncrb6903	1K	6.737022e-03
ncrc4780	1J	0.01	seoa3694	1K	6.737022e-03
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ncr7539	1P	0.04	mioa5729	1P	0.04
ncrc1259	1P	0.04	mioc0662	1P	0.04
ncrc3596	1P	0.04	mioc6385	1P	0.04
ncrc5633	1 P	-0.04	ncrc9712	1P	0.04
seoa4202	1P	0.04	seob0564	1P	0.04
seoa4717	1P	0.04	fcrb9407	1P	
seob1153	1P	0.04			0.04
seob1196	1P		fcrb5763	1P	0.04
		0.04	hfcr3183	1P	0.04
seob2735	1P	0.04	fcrb8014	1P	0.04
fcrb6028	1P	0.04	fcrc2849	1 P	0.04
fcr2018	1P	0.04	mioc6987	1 P	0.04
fcrc0835	1P	0.04	ncrc4600	1 P	0.04
hfcr5383	1 P	0.04	mioa6545	1 P	0.04
fcrb5108	1 P	0.04	seoc3487	1 P	0.04
mioc4318	1 P	0.04	seoc2681	1P	0.04
ncrc1032	1P	0.04	mioc0424	1P	0.04
miob9748	1P	0.04	mioa0857	1P	0.04
mioc9205	1P	0.04	mioc2911	1P	0.04
seoal900	1P	0.04			
fcr1098	1P		mioc3573	1P	0.04
		0.04	mioc7662	1P	0.04
seob2685	1P	0.04	mioa0249	1 P	0.04
seob9645	1P	0.04	miob2166	1P	0.04
fcr4503	1P	0.04	mioc0911	1P	0.04
hfcr3224	1 P	0.04	mioc2726	1P	0.04
ncrc6825	1P	0.04	miod4752	1P	0.04
ncrc4267	1P	0.04	ncrc9338	1P	0.04
fcrb3654	1 P	0.04	seob0261	1 P	0.04
fcrc5547	1P	0.04	fcrb2715	1P	0.04
mioc4366	1P	0.04	fcrb3933		
mioc8423	1P	0.04		1P	0.04
fcr4900			fcrb5181	1 P	0.04
	1P	0.04	fcrb6785	1P	0.04
fcrb3083	1 P	0.04	fcrb7608	1 P	0.04
fcrb4248	1P	0.04	fcrc6345	1 P	0.04
fcrb5928	1 P	0.04	miob1115	1P	0.04
fcrb6502	1P	0.04	miob5412	1P	0.04
fcrb7723	1P	0.04	mioc0384	1P	0.04
fcrb9371	1P	0.04	mioc1028	1P	0.04
fcrb9856	1P	0.04	mioc2110	1P	0.04
fcrc1740	1P	0.04			
fcrc5137	1P	0.04	mioc6983	1P	0.04
			miod2845	1P	0.04
hfcr5864	1P	0.04	ncr0547	1P	0.04
mioa1603	1P	0.04	ncr5713	1P	0.04
mioa2261	1P	0.04	ncrb1956	1 P	0.04

ncrb7726	1P	0.04	miod3776	1Q	2.13004e-03
ncrc1103	1P	0.04	ncrb0487	1Q	2.13004e-03
ncrc2128	1P	0.04	fcrb9017	1Q	2.158692e-03
ncrc3045	1P	0.04	ncrc4920	1Q	2.172062e-03
ncrc3735	1P	0.04			
ncrc3953			seoa1720	1Q	2.200519e-03
	1P	0.04	miob8830	1Q	2.222443e-03
ncrc4575	1P	0.04	fcr0770	1Q	2.292688e-03
ncrc8932	1P	0.04	fcr2006	1Q	2.342381e-03
ncrc9469	1P	0.04	fcr2079	1Q	2.342381e-03
seoa2528	1 P	0.04	fcr5779	1Q	2.342381e-03
seoa7295	1P	0.04	mioa1015	1Q	2.342381e-03
seob3517	1P	0.04	ncrc9704	10	2.342381e-03
seoc2589	1P	0.04	seob1197	10	2.342381e-03
seoc3690	1P	0.04	seoa5235		
seoc4824		0.04		1Q	2.36091e-03
	1P		mioa5614	1Q	2.467117e-03
ncr0664	1P	0.04	fcr0707	1Q	2.573342e-03
seob0046	1Q	4.27e-05	ncrc3258	1Q	2.573342e-03
mioc7662	1Q	8.24e-05	seoa5433	1Q	2.733174e-03
miod5590	1Q	1.44e-04	miob5010	1Q	2.824307e-03
seob2950	1Q	1.52e-04	seob7082	1Q	2.824307e-03
hfcr3413	1Q	2.00513e-04	seob8099	1Q	2.828664e-03
fcrb2330	10	2.07e-04	seoc8306	10	2.882251e-03
miob7135	10	3.26e-04	fcrb6431	1Q	3.096741e-03
fcrb3454	1Q	3.56e-04	ncr0847	1Q	3.096741e-03
hfcr2616	1Q	- 3.60223e-04	ncrc9562		
seob5324				1Q	3.096741e-03
	1Q	4.3e-04	seoal419	10	3.096741e-03
ncrb3768	1Q	4.92e-04	seob1399	1Q	3.096741e-03
fcrb8127	1Q	5.63262e-04	seob0031	1Q	3.219186e-03
fcrb9655	1Q	5.63262e-04	seoa4795	1Q	3.26458e-03
ncrc5653	1Q	6.2804e-04	fcr0997	1Q	3.392193e-03
fcrb3763	1Q	7.78162e-04	mioa3944	1Q	3.392193e-03
miod6068	1Q	7.78162e-04	mioa5461	1Q	3.392193e-03
seob6432	1Q	7.78162e-04	mioc0501	1Q	3.392193e-03
fcrb2094	1Q	8.2e-04	mioc1600	1Q	3.392193e-03
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fcrc0959	1Q	9.59902e-04	ncrc9793	1Q	3.392193e-03
seob6015	1Q	1.030399e-03	ncrc9855	1Q	3.392193e-03
ncr1526	1Q	1.063703e-03	seoa0792	1Q	3.392193e-03
fcrc4848	1Q	1.106641e-03			
fcrc5391			seob5886	1Q	3.592626e-03
	1Q	1.178958e-03	fcrb6359	1Q	3.619754e-03
miob4860	1Q	1.178958e-03	fcr5190	1Q	3.712298e-03
miod5080	1Q	1.254238e-03	fcrb3461	1Q	3.712298e-03
fcrc6228	1Q	1.304487e-03	fcrb5202	1Q	3.712298e-03
mioa0891	10	1.304487e-03	mioa6738	1Q	3.712298e-03
ncrc1665	1Q	1.441864e-03	mioc2577	1Q	3.727477e-03
seoa3422	1Q	1.441864e-03	mioa8767	1Q	3.739684e-03
fcrc1019	1Q	1.484277e-03	miod5218	1Q	3.808421e-03
mioc3419	1Q	1.484277e-03	ncrc0174	10	3.808421e-03
ncrb3957	1Q	1.484277e-03	mioc0567	10	3.983145e-03
ncrc5592	1Q	1.584296e-03	ncrc1751	1Q	4.026284e-03
mioa3620	1Q	1.59205e-03	fcrb1344	1Q	4.058782e-03
hfcr2536	1Q	1.605711e-03	fcrb5994		
seoa5547	1Q	1.674509e-03		1Q	4.058782e-03
			fcrc0654	1Q	4.058782e-03
fcr0027	1Q	1.75607e-03	mioa3548	1Q	4.058782e-03
miob2960	1Q	1.75607e-03	miob8146	1Q	4.058782e-03
mioc4270	1Q	1.75607e-03	ncrc9284	1Q	4.058782e-03
seoa0085	1Q	1.756632e-03	ncrc9438	1Q	4.058782e-03
seob3112	1Q	1.781563e-03	ncrc9712	1Q	4.058782e-03
fcrb6464	1Q	1.801576e-03	seoal410	1Q	4.058782e-03
mioc3573	1Q	1.88355e-03	seob1748	1Q	4.058782e-03
seoa4601	1Q	1.912246e-03	ncrc0798	1Q	4.123577e-03
fcr2139	1Q	1.935013e-03	. ncr0016	1Q	4.130421e-03
ncrc4135	1Q	1.935013e-03	mioa2072		4.159968e-03
fcrc5850	1Q	1.963872e-03	seoa6106	1Q	
1010000	+4	1.7030726-03	25040100	1Q	4.168552e-03

1.07.60			_		•
seob0763	1Q	4.178879e-03	fcrb6738	1Q	6.800293e-03
fcrb5287	1Q	4.217128e-03	miob8825	1Q	6.800293e-03
fcrb6236	1Q	4.251227e-03	ncrb8203	1Q	6.800293e-03
mioc5661	1Q	4.281336e-03	seoa9931	1Q	6.800293e-03
fcrb0072	1Q	4.290663e-03	seob0514	1Q	6.800293e-03
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mioa6172	1Q	4.433463e-03			
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	1Q	4.433463e-03	seoc3554	1Q	7.323261e-03
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seoa0040	1Q	4.433463e-03	fcrc0412	1Q	7.387873e-03
seob2966	1Q	4.433463e-03	hfcr3500	1Q	7.387873e-03
mioa8192	1Q	4.459835e-03	mioa6102	1Q	7.387873e-03
fcrb3644	10	4.811926e-03	miod0993	1Q	7.387873e-03
fcrb4868	1Q	4.821954e-03	miod7418	1Q	7.387873e-03
fcr0894	1Q	4.838255e-03	seob7015	1Q	7.387873e-03
fcrb1990	1Q	4.838255e-03	mioc2123	1Q	7.393331e-03
fcrc1115	1Q	4.838255e-03	seoa7178		
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	1Q	4.838255e-03	seob2685	1Q	7.994213e-03
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mioa8484	1Q	5.124865e-03	mioa3997	1Q	8.019199e-03
seob0250	1Q	<sup>-</sup> 5.168742e-03	mioa6807	1Q	8.019199e-03
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fcrb5645	1Q	5.275168e-03	ncrc5569	1Q	8.019199e-03
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seoa4284	1Q	5.340812e-03	seob3503		
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mioa5326	1Q	5.506120e-03	fcrb6442	1Q	8.263283e-03
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	1Q	5.603216e-03	fcrb6262	1Q	8.280361e-03
fcrc0651	1Q	5.627127e-03	miod2311	. 1Q	8.338691e-03
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ncr6142	1Q	5.746317e-03	seoa0429	1Q	8.696926e-03
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ncrc3408	1Q	5.837544e-03	seob6856	1Q	8.696926e-03
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fcrc5547	1Q	6.157035e-03	fcr1760		
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	1Q	6.253918e-03	miob9462	1Q	9.296152e-03
seob6386	1Q	6.253918e-03	seob5592	1Q	9.365596e-03
seob8082	1Q	6.253918e-03	ncrb0027	1Q	9.4225e-03
seoc4187	1Q	6.255406e-03	fcrb1995	1Q	9.423822e-03
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fcrb2926	1Q	6.355659e-03	fcrb5656	1Q	9.423822e-03
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seob2936	1Q	6.715058e-03	seoa0302	1Q	9.423822e-03
seob5899	1Q	6.749391e-03	seob3360	1Q	9.423822e-03 9.423822e-03
fcr0419	1Q	6.800293e-03			
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fcrb4506			fcrb5455	1Q	9.594248e-03
10104200	1Q	6.800293e-03	seob6584	1Q	9.61842e-03

ncrc1941	1Q	9.709113e-03	fcrb4860	1Q	0.01
fcrb5926	1Q	9.821331e-03	fcrb5305	1Q	0.01
hfcr5045	10	0.01	fcrb8910	1Q	0.01
ncrb8201	1Q	0.01	fcrc1763	1Q	0.01
fcr5075	1Q	0.01			
			fcrc4068	1Q	0.01
fcrb9569	1Q	0.01	fcrc6419	1Q	0.01
miob0178	1Q	0.01	fcrc6970	1Q	0.01
seoa1802	1Q	0.01	hfcr2934	1Q	0.01
seoa3121	10	0.01	miob8639	1Q	0.01
seob1158	1Q	0.01			
			mioc4526	1Q	0.01
seob3189	1Q	0.01	miod4084	1Q	0.01
fcrb3704	1Q	0.01	ncr0496	10	0.01
ncrc1168	1Q	0.01	ncr3614	1Q	0.01
miob7268	1Q	0.01	ncrc5072	1Q	0.01
mioa2343	1Q	0.01	seoa9777	1Q	0.01
ncr4648	1Q	0.01			
			seob2807	1Q	0.01
fcr1337	1Q	0.01	seob5418	1Q	0.01
seob6851	1Q	0.01	seob5726	1Q	0.01
ncrc1153	1Q	0.01	seob7891	1Q	0.01
seob6781	1Q	0.01	seob2958	1Q	0.01
fcrb1807	1Q	0.01	fcrb5351	1Q	0.01
fcrb7699	1Q	0.01			
			fcrb5896	1Q	0.01
fcrc0607	1Q	0.01	ncrc6439	1Q	0.01
fcrc5402	1Q	0.01	seob9898	1Q	0.01
mioa0707	1Q	- 0.01	fcrc5379	1Q	0.01
mioa6093	1Q	0.01	fcrb4719	10	0.01
ncr7813	1Q	0.01	ncrc2715	1Q	0.01
seoc2382	1Q	0.01			
			fcrb7068	1Q	0.01
seoal427	1Q	0.01	seob1737	1Q	0.01
fcrb8222	1Q	0.01	ncr8686	1Q	0.01
ncrc1349	1Q	0.01	miob8711	1Q	0.01
seoa4783	1Q	0.01	ncrc1615	1Q	0.01
seoa4739	1Q	0.01	ncrb6949	1Q	0.01
fcr1997	1Q	0.01	mioc5226	1Q	0.01
fcrb1387	1Q	0.01			
			ncrc5844	1Q	0.01
fcrb5562	1Q	0.01	ncrc7023	1Q	0.01
fcrb5702	1Q	0.01	fcrb2979	1Q	0.01
fcrc0839	1Q	0.01	fcrc0959	1Q	0.01
fcrc6381	1Q	0.01	mioa1655	10	0.01
mioa3392	1Q	0.01	mioa9555	1Q	0.01
mioa3945	1Q	0.01	miob6351	1Q	
miob2569	1Q	0.01			0.01
			miod7270	1Q	0.01
miob7922	1Q	0.01	ncr1437	1Q	0.01
mioc6345	1Q	0.01	ncrb8319	1Q	0.01
ncrb0513	1Q	0.01	ncrc3141	1Q	0.01
ncrb4477	1Q	0.01	ncrc4864	1Q	0.01
ncrc2675	1Q	0.01	seoa1644	1Q	0.01
ncrc7171	1Q	0.01	seoa2765		
seoal552	1Q	0.01		1Q	0.01
			seoa4587	1Q	0.01
seob0058	1Q	0.01	seoa9705	1Q	0.01
seob0263	1Q	0.01	seob1093	1Q	0.01
seob1009	1Q	0.01	seob1757	1Q	0.01
seob1322	1Q	0.01	seoc1664	1Q	0.01
seob5891	1Q	0.01	seoc2248	1Q	0.01
seoc1906					
	1Q	0.01	seoc4824	1Q	0.01
seoc3588	1Q	0.01	ncrc2857	1Q	0.01
fcrc1654	1Q	0.01	ncrc4815	1Q	0.01
ncr2575	1Q	0.01	miob9228	1Q	0.01
mioc5736	1Q	0.01	fcrb5389	1Q	0.01
fcrb6779	1Q	0.01	seoa7157	1Q	0.01
fcr4846	1Q				
		0.01	miob0865	1Q	0.01
fcrb9007	1Q	0.01	miob7985	1Q	0.01
fcr1555	1Q	0.01	mioc2728	1Q	0.01
fcrb2759	1Q	0.01	fcrb5087	1Q	0.01

seoa5894	1Q	0.01	seob2149	1Q	0.01
fcrb5177	1Q	0.01	seob4192	1Q	0.01
seoc2221	1Q	0.01	seob4293	1Q	0.01
seob1853	1Q	0.01			
			seob7465	1Q	0.01
fcrc4734	10	0.01	mioc4103	1Q	0.01
mioc0530	1Q	0.01	seoa5746	1Q	0.01
miod5310	1Q	0.01	fcr0999	1Q	0.01
ncr1387	10	0.01	ncr0075	1Q	0.01
ncr4860	1Q	0.01	ncr8067		
ncrb6557				1Q	0.01
	10	0.01	ncrc3011	1Q	0.01
ncrc2831	10	0.01	ncrc9010	1Q	0.01
seoa3408	1Q	0.01	hfcr3902	1Q	0.01
seoa9566	1Q	0.01	ncrb8343	1Q	0.01
seob0534	1Q	0.01	ncrc1765	1Q	0.01
seoa2801	1Q	0.01			
			ncrc3413	1Q	0.01
fcrb8714	1Q	0.01	fcrc4408	1Q	0.01
fcrb2483	1Q	0.01	ncrc2290	1Q	0.01
fcrb6062	1Q	0.01	fcrb3073	1Q	0.01
seoa0860	1Q	0.01	fcrb9118	1Q	0.01
seoa0023	1Q	0.01	fcrc2216		
ncr8096				1Q	0.01
	1Q	0.01	mioa7299	1Q	0.01
seob0483	1Q	0.01	mioa8147	1Q	0.01
mioa4782	1Q	0.01	mioa8796	1Q	0.01
mioa2413	1Q	0.01	miod1316	1Q	0.01
fcr3936		- 0.01	ncr3815	1Q	0.01
fcrb4515	1Q	0.01			
			ncr6943	1Q	0.01
fcrc0130	1Q	0.01	ncrb8398	10	0.01
fcrc0637	1Q	0.01	ncrc3104	1Q	0.01
fcrc6470	1Q	0.01	ncrc3526	1Q	0.01
mioa2185	1Q	0.01	seoa1910	1Q	0.01
ncr7050	1Q	0.01	seob3367	1Q	0.01
ncr9060	1Q	0.01			
			seoc1345	1Q	0.01
ncrc2080	1Q	0.01	seoc2218	1Q	0.01
seob0976	1Q	0.01	seoa9712	1Q	0.01
fcrb2077	· 1Q	0.01	miod6018	1Q	0.01
fcrb5253	1Q	0.01	seob0831	1Q	0.01
fcrc5169	1Q	0.01	mioc2385	1Q	0.01
ncrc1259	1Q	0.01	ncrc6953		
ncrb3628	1Q	0.01		1Q	0.01
			seob2195	1Q	0.01
fcrb6718	1Q	0.01	seoa9997	1Q	0.01
ncrc2413	1Q	0.01	fcrc0210	1Q	0.01
fcrb4409	1Q	0.01	miob9559	1Q	0.01
fcrb2546	1Q	0.01	mioc2726	1Q	0.01
seob1956	1Q	0.01	mioa1933	1Q	0.02
miob8565	1Q	0.01	seoa5741		
fcrb4278				1Q	0.02
	1Q	0.01	fcrb2049	1Q	0.02
mioa0820	10	0.01	miob0942	1Q	0.02
fcrb4232	1Q	0.01	mioc2152	1Q	0.02
ncrc4654	1Q	0.01	miod7227	1Q	0.02
fcr0665	1Q	0.01	ncr0836	1Q	0.02
fcr0837	1Q	0.01	ncrc0856		
fcrb1876				1Q	0.02
	1Q	0.01	seoal653	1Q	0.02
fcrb3127	1Q	0.01	miob9248	1Q	0.02
fcrb3654	1Q	0.01	fcrb6171	1Q	0.02
fcrb5929	1Q	0.01	fcrb8119	1Q	0.02
fcrb8628	1Q	0.01	fcrb5204	1Q	0.02
fcrc5898	1Q	0.01			
			fcrb3314	1Q	0.02
miob7156	1Q	0.01	miob9781	1Q	0.02
miod0625	1Q	0.01	seoa0501	1Q	0.02
miod1908	1Q	0.01	seob0182	1Q	0.02
ncr8594	1Q	0.01	mioc1245	1Q	0.02
ncrc6981	1Q	0.01	ncrc9819	1Q	0.02
seoa1765	1Q	0.01			
			seoa1770	1Q	0.02
seoa3662	1Q	0.01	miob4613	1Q	0.02

seoc1785	1Q	0.02	fcrc2439	1Q	0.02
fcr3323	10	0.02	fcrc5372	1Q	0.02
fcrb2013	1Q	0.02			
			hfcr5228	1Q	0.02
fcrb2516	1Q	0.02	hfcr5237	1Q	0.02
fcrb6031	1Q	0.02	mioa7957	1Q	0.02
fcrc1834	1Q	0.02	mioa9505		
				1Q	0.02
fcrc5142	1Q	0.02	miob4090	1Q	0.02
fcrc5614	1Q	0.02	miob9805	1Q	0.02
hfcr0560	1Q	0.02	miod5369	1Q	
mioa4285					0.02
	1Q	0.02	miod6263	1Q	0.02
miob1789	1Q	0.02	ncrc5724	1Q	0.02
miob7136	1Q	0.02	ncrc9867	1Q	0.02
mioc1125	10	0.02			
			seoa2381	1Q	0.02
miod7225	1Q	0.02	seoa2817	1Q	0.02
ncr0547	1Q	0.02	seoa2837	1Q	0.02
ncrb8189	1Q	0.02	seoa5253	1Q	0.02
ncrc4448	1Q	0.02	seoa6151	1Q	0.02
seoa0145	1Q	0.02	seoa1646	1Q	0.02
seoa8351	1Q	0.02	ncrc6503	1Q	0.02
seob7729	1Q	0.02			
			seoa5387	1Q	0.02
seob8839	1Q	0.02	seob3378	1Q	0.02
seob9617	1Q	0.02	fcrc5270	1Q	0.02
fcrb9401	10	0.02	ncrc1606	1Q	0.02
hfcr5383	10	0.02			
			fcrb5725	1Q	0.02
fcrb1916	1Q	-0.02	fcrb5507	1Q	0.02
mioa7617	1Q	0.02	mioc0546	1Q	0.02
hfcr2693	1Q	0.02	fcrb2317	1Q	
seob0298					0.02
	1Q	0.02	ncrb8171	1Q	0.02
fcrb1503	1Q	0.02	fcr0529	1Q	0.02
fcrb6432	10	0.02	fcr2218	1Q	0.02
fcrc6041	10	0.02	fcrb4925		
mioa0332				1Q	0.02
	1Q	0.02	fcrb6917	1Q	0.02
mioa1417	1Q	0.02	fcrc2050	1Q	0.02
mioa6552	1Q	0.02	hfcr2041	1Q	0.02
mioc8016	1Q	0.02	hfcr2323		0.02
miod0807				1Q	
	1Q	0.02	hfcr5620	1Q	0.02
miod0978	1Q	0.02	ncrc2859	1Q	0.02
ncr3961	1Q	0.02	ncrc6888	1Q	0.02
ncr5488	1Q	0.02	seoa1599		0.02
ncrb8383				1Q	
	1Q	0.02	seoa4017	1Q	0.02
ncrc1995	1Q	0.02	seoa9792	1Q	0.02
ncrc9428	1Q	0.02	seoa9981	1Q	0.02
seoa4012	10	0.02			
			seob1766	1Q	0.02
seob1411	10	0.02	seob7419	1Q	0.02
seob6415	1Q	0.02	ncrc0803	1Q	0.02
seoa8909	1Q	0.02	miod1863	10	0.02
fcrb2460	1Q	0.02	fcrb9355		
fcrb9499				1Q	0.02
	1Q	0.02	seob1898	1Q	0.02
miob9495	1Q	0.02	miod4367	1Q	0.02
fcrb4781	1Q	0.02	miob8627	1Q	0.02
fcrc0430	1Q	0.02			
			fcrb3017	1Q	0.02
ncrc6796	1Q	0.02	ncr0133	1Q	0.02
mioc3549	1Q	0.02	ncrc0583	1Q	0.02
ncrc0442	1Q	0.02	fcrc5831	1Q	0.02
fcrb4342	1Q	0.02			
			seoa3639	10	0.02
fcrb8959	1Q	0.02	seoa9209	1Q	0.02
fcrb2334	1Q	0.02	ncrc4296	1Q	0.02
mioc0621	1Q	0.02	seoa4246	1Q	0.02
ncrb7465	1Q	0.02			
			fcrb8485	1Q	0.02
miob3942	1Q	0.02	seoc2670	1Q	0.02
fcr0768	1Q	0.02	ncrc9304	1Q	0.02
fcr5712	1Q	0.02	miob2825	1Q	0.02
fcrb4231	1Q	0.02			
			seoc4585	1Q	0.02
fcrb7443	1Q	0.02	fcr0893	1Q	0.02

fcr4212	1Q	0.02	fcrb1940	1Q	0.03
fcrb8014	10	0.02	seob3139	1Q	0.03
mioa1473	1Q	0.02	seob7575	1Q	0.03
mioa4542	1Q	0.02	seob5673	1Q	0.03
mioa8774	10	0.02	fcrb1909	1Q	0.03
miob3120	1Q	0.02	fcrb2166	1Q	0.03
miob7105	1Q	0.02	fcrb2933	1Q	0.03
miob9671	1Q	0.02	fcrb3080	1Q	0.03
mioc2592	1Q	0.02	fcrb3539	1Q	0.03
miod3254	1Q	0.02	fcrb4799	1Q	0.03
ncrc4444	1Q	0.02	fcrb8080	1Q	0.03
seoa0469	1Q	0.02	mioa4245	1Q	0.03
seoa1575	1Q	0.02	miob7290	1Q	0.03
seoa1789	1Q	0.02	mioc3962	1Q	0.03
seoa2244	1Q	0.02	miod3826	1Q	0.03
seoa9873	1Q	0.02	ncrc5631	1Q	0.03
seob2139	1Q	0.02	seoa1584	1Q	0.03
seob5579	1Q	0.02	seoal924	1Q	0.03
seob7200	1Q	0.02	seoa3429	1Q	0.03
seob8194	10	0.02	seoa3910	1Q	0.03
seob8329	10	0.02	seoa9709	1Q	0.03
seob9145	1Q	0.02	seob2717	1Q	0.03
seoc3870	10	0.02	seob4584	1Q	0.03
fcrb7852	<b>1</b> Q	0.02	mioc1357	1Q	0.03
seoc4900	1Q	- 0.02	seob7929	1Q	0.03
miob8687	1Q	0.02	ncrc2007	1Q	0.03
ncr0612	1Q	0.02	miob1814	1Q	0.03
seob5954	1Q	0.02	ncrc5039	1Q	0.03
mioa1532	10	0.02	seob2161	1Q	0.03
fcrc4876	10	0.02	miob8418	1Q	0.03
seoa9363	1Q	0.02	fcr1557	1Q	0.03
fcrb5173	1Q	0.02	ncrc1502	1Q	0.03
fcrc2829	1Q	0.03	fcrb2190	1Q	0.03
miod4512	1Q	0.03	seoa1318	1Q	0.03
seoa3544	1Q	0.03	miod0777	1Q	0.03
seoa4053	1Q	0.03	fcrb5726	1Q	0.03
ncrc2289	1Q	0.03	seob1586	1Q	0.03
ncrb0046	1Q	0.03	miob9124	10	0.03
miob6610	1Q	0.03	ncrc1193	<b>1</b> Q	0.03
seoa4464 fcrb2124	1Q	0.03	seob3226	10	0.03
	1Q	0.03	miob8454	1Q	0.03
fcrb6508 fcrb6509	1Q	0.03	ncrc9338	1Q	0.03
fcrb8215	1Q	0.03	miob0154	1Q	0.03
fcrb9611	1Q 10	0.03	mioa1496	1Q	0.03
fcrc4688	1Q 1Q	0.03 0.03	ncrc3358	1Q	0.03
fcrc7243	1Q	0.03	seob0810	1Q	0.03
hfcr3089	1Q	0.03	fcrb4926	1Q	0.03
mioa7955	10	0.03	fcrb8515	1Q	0.03
mioc7421	1Q	0.03	fcrb8719	1Q	0.03
miod4867	1Q	0.03	fcrc6976	1Q	0.03
ncrb7177	1Q	0.03	fcrc7228 hfcr3486	1Q	0.03
ncrc1203	1Q	0.03	hfcr5009	1Q	0.03
ncrc2495	1Q	0.03		1Q	0.03
ncrc3777	1Q	0.03	hfcr6677	1Q	0.03
ncrc6996	1Q	0.03	mioa1657	1Q	0.03
seob7505	1Q	0.03	mioa6999 miob0361	1Q 10	0.03
ncrb0164	1Q	0.03	miob0361	1Q	0.03
ncrc0342	1Q	0.03	miob6029 mioc3716	1Q 10	0.03
hfcr1915	1Q	0.03	mioc3/16	1Q 1Q	0.03
seob6751	1Q	0.03	m1008945 ncrb6261	1Q 1Q	0.03 0.03
fcrb5796	1Q	0.03	ncrb6261	1Q 1Q	0.03
miob6721	1Q	0.03	ncrc3802	1Q 1Q	0.03
mioc3906	10	0.03	seoa5544	1Q 1Q	0.03
			3e0a0344	7.7	0.03

seob1538 seob2959 seoc0957 seoc5125 ncr3700 fcrb4837 seob1323 fcrb9216 seob3731 ncrc4313 fcrb5360 fcrb1694 miob8532 fcr1633	10 10 10 10 10 10 10 10 10 10 10	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	mioa1524 miob2375 miob3693 miob9614 mioc0662 mioc4119 mioc8471 miod6961 ncr3163 ncr5713 ncr6878 ncrb8569 ncrc9469 seoa5662	1Q 1Q 1Q 1Q 1Q 1Q 1Q 1Q 1Q 1Q 1Q	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03
fcrb7588 fcrc5007	1Q 1Q	0.03 0.03	seob2658	1Q	0.03
ncrc0424	1Q 1Q	0.03	seob5044 seob6087	1Q 1Q	0.03 0.03
seob2011	1Q	0.03	seob8425	1Q	0.03
seob8786	1Q	0.03	seoc3469	1Q	0.03
mioc0121 hfcr6509	1Q	0.03	ncrc0259	1Q	0.03
seob5812	1Q 1Q	0.03 0.03	seoa5520 seoa0014	1Q	0.03
fcr3880	1Q	0.03	ncrb8670	1Q 1Q	0.03 0.04
fcrb2452	1Q	0.03	fcrb8133	1Q	0.04
fcrb4788		- 0.03	fcrb2804	1Q	0.04
fcrb7510 fcrb8208	1Q 1Q	0.03	mioc2961	1Q	0.04
fcrc1849	1Q 1Q	0.03	fcrb9253 miod1333	1Q 1Q	0.04 0.04
fcrc6282	1Q	0.03	miob5495	1Q 1Q	0.04
hfcr6680	1Q	0.03	seoc2622	1Q	0.04
mioa1370 mioa8998	1Q	0.03	fcrb2472	1Q	0.04
mioa99821	1Q 1Q	0.03 0.03	ncrc0413 seoa6172	1Q	0.04
mioc1122	1Q .	0.03	fcrc5092	1Q 1Q	0.04 0.04
miod4467	1Q	0.03	mioa4753	1Q	0.04
ncr0144	1Q	0.03	fcrb4542	1Q	0.04
ncr5374 ncrc5775	1Q 10	0.03	ncr3419	1Q	0.04
seoal080	1Q 1Q	0.03 0.03	seob6670 fcrb9449	1Q 1Q	0.04 0.04
seoal749	1Q	0.03	fcrb5108	1Q 1Q	0.04
seoa7296	1Q	0.03	fcrb2321	1Q	0.04
seob0157	1Q	0.03	fcrb4372	1Q	0.04
seob8500 seob8807	1Q 1Q	0.03 0.03	fcr0253	1Q	0.04
mioc1049	1Q 1Q	0.03	fcrb1380 fcrb2208	1Q 1Q	0.04 0.04
ncr3827	1Q	0.03	fcrb7617	1Q	0.04
seoa4317	1Q	0.03	hfcr5691	1Q	0.04
fcr5123	1Q	0.03	mioa9294	1Q	0.04
ncrb0323 fcrc0522	1Q 1Q	0.03 0.03	miob8583 mioc2872	1Q	0.04
seoc0276	1Q	0.03	mioc7818	1Q 1Q	0.04 0.04
seob1818	· 1Q	0.03	mioc8782	1Q	0.04
seob4928	1Q	0.03	miod5651	1Q	0.04
mioc7542 seoc0034	1Q 1Q	0.03	ncr4551	1Q	0.04
fcrb2715	1Q 1Q	0.03 0.03	ncr6144 ncrb0262	1Q 10	0.04
ncrc0864	1Q	0.03	ncrb1179	1Q 1Q	$0.04 \\ 0.04$
seob1153	1Q	0.03	ncrc1949	1Q	0.04
mioa9067	1Q	0.03	seoa3088	1Q	0.04
ncr8966 fcr2182	1Q 10	0.03	seoa3108	1Q	0.04
fcr4214	1Q 1Q	0.03 0.03	seoa3578	1Q 10	0.04
hfcr1709	1Q	0.03	seoa5784 seoa8979	1Q 1Q	$0.04 \\ 0.04$
mioa0684	1Q	0.03	seob0937	1Q	0.04

seob3887	1Q	0.04	seoa3694	1Q	0.04
seob8261	1Q	0.04	seoa5461	1Q	0.04
seoc5218	1Q	0.04	hfcr5860	1Q	0.04
ncr3396	1Q	0.04	fcrb8808	1Q	0.04
fcrc2008	1Q	0.04	fcrb2034	1Q	0.04
seoa1737	1Q	0.04	fcrb2993	1Q	0.04
mioc4161	1Q	0.04	fcrb3083	1Q	0.04
mioa4183	1Q	0.04	fcrb7608	1Q	0.04
hfcr3453	1Q	0.04	fcrb8334	1Q	0.04
seob1660	1Q	0.04	fcrc1745	1Q	0.04
ncrc0747	10	0.04	mioa0294	1Q	0.04
ncrc3076	1Q	0.04	mioc0999	1Q	0.04
mioa1303	1Q	0.04	ncr0644	1Q	0.04
fcrb0097	10	0.04	ncrb7167	1Q	0.04
miob8586	1Q	0.04	ncrc3544	1Q	0.04
miob9121	10	0.04	seoal559	1Q	0.04
hfcr3445	10	0.04	seoa5977	1Q	0.04
fcrb0355	10	0.04	seoa9389	1Q	0.04
fcr3757	1Q	0.04	seob2987	1Q	0.04
fcrb2545	1Q	0.04	seob6133	1Q	0.04
fcrc0198	1Q	0.04	seob7530	1Q	0.04
fcrc2724	1Q	0.04	seoc0866	1Q	0.04
hfcr5381	1Q	0.04	seoc4561	1Q	0.04
hfcr6370	1Q	0.04	fcrb4929	1Q	0.04
miob3474		0.04	seob0751	1Q	0.04
mioc3904	1Q	0.04	fcrb2308	1Q	0.04
miod2556	1Q	0.04	fcrb8765	1Q	0.04
miod4686	10	0.04	miod7408	1Q	0.04
miod7414	1Q	0.04	seoa5552	1Q	0.04
ncrb2524	1Q	0.04	ncrc1111	1Q	0.04
ncrc1885	1Q	0.04	fcrc0529	1Q	0.04
ncrc9772	1Q	0.04	miob7435	1Q	0.04
seoa0783	1Q	0.04	seoa7366	1Q	0.04
seoa1739	1Q	0.04	miod5672	1Q	0.04
seoa2181	10	0.04	ncrb8559	1Q	0.04
seoa3821	1Q	0.04	seob4570	1Q	0.04
seoa8401	1Q	0.04	seoc7566	1R	4.46e-05
seob2283	1Q	0.04	miod1450	1R	1.6e-04
seob4197	1Q	0.04	mioc8437	1R	1.73e-04
seob5379	1Q	0.04	fcrb8940	1R	2.2e-04
seob6446	1Q	0.04	seoc1311	1R	3.9e-04
seoc5612	10	0.04	mioc8016	1R	4.68e-04
seob0185	1Q	0.04	seob4333	1R	4.76e-04
fcr1004	1. Q	0.04	fcrb5007	1R	5.07e-04
fcrb4570	10	0.04	ncr0429	1R	5.52e-04
mioa2013	1Q	0.04	miod5672	1R	7.23e-04
seob6572	10	0.04	ncrc9279	1R	7.82e-04
seoc1023	1Q	0.04	seob3982	1R	9.0e-04
miob0496	1Q	0.04	fcrb8243	1R	9.59e-04
fcrb5639	1Q	0.04	ncrb8721	1R	1.162766e-03
mioa3963	1Q	0.04	seoa8979	1R	1.319654e-03
ncrc0646	1Q	0.04	fcrc5071	1R	1.418474e-03
miob5829	10	0.04	seob4036	1R	1.454856e-03
ncr3404	1Q	0.04	mioa9821	1R	1.580436e-03
seob6541	1Q	0.04	fcrb7505	1R	1.701834e-03
seob1155	1Q	0.04	ncr7876	1R	1.750917e-03
seob7463	1Q	0.04	ncrc5758	1R	2.140366e-03
ncrc4384	1Q	0.04	fcr0788	1R	2.965188e-03
fcrb2749	1Q	0.04	mioa5681	1R	2.965188e-03
fcrb6990	1Q	0.04	ncr3971	1R	2.965188e-03
ncr3830	1Q	0.04	fcrb1856	1R	3.128651e-03
fcrb2199	1Q	0.04	mioc2082	1R	3.266717e-03
fcrb1890	1Q	0.04	fcrb7487	1R	3.605772e-03
seob6217	1Q	0.04	seob5612	1R	3.815575e-03

hfcr6085	1R	3.869158e-03	mioa9429	1R	0.01
mioa0936	1R	3.869158e-03	ncr4984	1R	0.01
ncr5473	1R	4.172868e-03	ncrc4996	1R	0.01
ncr2995	1R	4.406314e-03	ncrc6846		
seob1133	1R			1R	0.01
		4.406314e-03	seoa5303	1R	0.01
fcrb6481	1R	4.591403e-03	seob3503	1R	0.01
miob4864	1R	5.008048e-03	seoc0203	1R	0.01
fcrb4551	1R	5.070437e-03	ncr7037	1R	0.01
seob9124	1R	5.140962e-03	ncr6197	1R	0.01
fcrc0302	1R	5.314391e-03	fcr0469	1R	0.01
ncr7284	1R	5.341076e-03	seoa8432	1R	0.01
fcr3973	1R	5.680774e-03	seob0999	1R	0.01
hfcr0676	1R	5.680774e-03			
ncr3419	1R	5.680774e-03	fcrc0700	1R	0.01
			fcrc0287	1R	0.01
seob8562	1R	5.799323e-03	miob7610	1R	0.01
ncr6415	1R	5.811451e-03	seoa1065	1R	0.01
seob4539	1R	5.985149e-03	ncrb5227	1R	0.01
mioc0978	1R	6.234951e-03	seoa9373	1R	0.01
ncr2160	1R	6.38343e-03	fcrb4311	1R	0.01
miod4348	1R	6.431377e-03	fcrb5840	1R	0.01
ncr9123	1R	6.431377e-03	miob1059	1R	0.01
mioc2381	1R	6.542403e-03	miob3426	1R	0.01
fcrc6228	1R	6.563288e-03	mioc6345	1R	0.01
fcrc7180	1R	6.981505e-03	miod2834	1R	
fcrb6106	1R	- 7.267233e-03			0.01
mioa6969	1R	7.267233e-03 7.267233e-03	ncrb8330	1R	0.01
		·	ncrc2463	1R	0.01
miob4346	1R	7.267233e-03	ncrc9010	1R	0.01
miob9073	1R	7.267233e-03	seoa7094	1R	0.01
ncr4993	1R	7.267233e-03	fcrc6397	1R	0.01
seoa8195	1R	7.267233e-03	hfcr0560	1R	0.01
seob4726	1R	7.267233e-03	ncr6893	1R	0.01
seoc0438	1R	7.267233e-03	fcrb2800	1R	0.01
seoc2131	1R	7.267233e-03	fcr5470	1R	0.01
mioc2887	1R	7.625229e-03	mioc1978	1R	0.01
hfcr3922	1R	7.634307e-03	ncrb3314	1R	0.01
fcrb9859	1R	7.640161e-03	hfcr6043	1R	0.01
fcrb3550	1R	8.107057e-03	fcrb7430	1R	0.01
hfcr5383	1R	8.196224e-03	fcrb8196	1R	0.01
miob6536	1R	8.196224e-03	mioa7088		
ncr7768	1R	8.23771e-03		1R	0.01
miob9495	1R	8.352358e-03	miod6552	1R	0.01
			ncr5890	1R	0.01
mioa3428	1R	8.522496e-03	ncr7097	1R	0.01
fcr3033	1R	8.949232e-03	ncrb7635	1R	0.01
miod4083	1R	8.954907e-03	ncrc0090	1R	0.01
mioa6172	1R	9.121639e-03	seoa7403	1R	0.01
ncr7852	1R	9.121639e-03	seob0872	1R	0.01
seoa5396	1R	9.201027e-03	seoc5627	1R	0.01
fcr3987	1R	9.226752e-03	fcrb6269	1R	0.01
fcrb6666	1R	9.226752e-03	mioa8796	1R	0.01
mioa8647	1R	9.226752e-03	ncrb8134	1R	0.01
ncr5709	1R	9.226752e-03	ncr7631	1R	0.01
ncrb8751	1R	9.226752e-03	fcr5092	1R	0.01
miod6234	1R	9.25374e-03			
fcr3269	1R		hfcr1189	1R	0.01
		9.538296e-03	fcrb1977	1R	0.01
fcr2986	1R	9.702695e-03	mioc0371	1R	0.01
ncr3402	1R	9.933523e-03	mioc3603	1R	0.01
ncrc2290	1R	9.933523e-03	ncr2581	1R	0.01
ncrc4076	1R	9.933523e-03	ncrc1003	1R	0.01
ncr0159	1R	9.971493e-03	seoa4174	1R	0.01
hfcr5970	1R	0.01	fcrb9225	1R	0.01
fcr0018	1R	0.01	miod1825	1R	0.01
fcr0288	1R	0.01	ncrc9739	1R	0.01
fcr3005	1R	0.01	fcrc5418	1R	0.01
mioa6093	1R	0.01	miod2635	1R	0.01
					J. JI

22220220	170	0 01	1.44.60		
seoc0920	1R	0.01	ncrb1163	1R	0.02
fcrb8728	1R	0.01	ncrb6385	1R	0.02
seoa5578	1R	0.01	ncrc9549	1R	0.02
fcrb9324	1R	0.01	seoa7899	1R	0.02
fcr0637	1R	0.01	seoa8636	1R	0.02
fcrc2829	1R	0.01			
			ncr7753	1R	0.02
hfcr0521	1R	0.01	seob6541	1R	0.02
mioa2079	1R	0.01	mioc1002	1R	0.02
mioa2204	1R	0.01	seoc4260	1R	0.02
miob1873	1R	0.01	ncr1692	1R	0.02
miob2355	1R	0.01			
			seob6781	1R	0.02
miob2858	1R	0.01	hfcr3674	1R	0.02
miob3474	1R	0.01	ncr3965	1R	0.02
miod2483	1R	0.01	fcrc6460	1R	0.02
ncr1780	1R	0.01	seoc2681	1R	0.02
ncr7570	1R	0.01	seoa1747		
seoal883	1R			1R	0.02
		0.01	mioa8380	1R	0.02
seoa2801	1R	0.01	seob5203	1R	0.02
seoa7296	1R	0.01	fcrb5720	1R	0.02
seob4075	1R	0.01	ncrc6817	1R	0.02
seob8986	1R	0.01	hfcr0400	1R	0.02
seoc2256	1R	0.01			
			fcr1060	1R	0.02
miob8077	1R	0.01	fcr3599	1R	0.02
miob9020	1R	0.01	fcrc5721	1R	0.02
mioc1598	1R	- 0.01	fcrc6582	1R	0.02
miob9788	1R	0.01	hfcr2708	1R	0.02
miod1578	1R	0.01	miob2093	1R	0.02
hfcr2642	1R	0.01			
			miob8572	1R	0.02
fcrc2040	1R	0.01	miod4184	1R	0.02
fcrc2619	1R	0.01	miod4998	1R	0.02
ncrb5909	1R	0.01	miod6243	1R	0.02
fcr2598	1R	0.01	ncr6326	1R	0.02
seob6256	1R	0.01	ncr7178	1R	0.02
miod1908	1R	0.01	ncrc1102		
fcr0470	1R	0.01		1R	0.02
			seoa7369	1R	0.02
fcr0680	1R	0.01	seob1061	1R	0.02
fcrb2190	1R	0.01	seob1808	1R	0.02
fcrb4570	1R	0.01	seoc1535	1R	0.02
mioa1603	1R	0.01	seoc1406	1R	0.02
mioa5594	1R	0.01	fcrc5547	1R	0.02
miod1358	1R	0.01			
seob5773			ncrb0328	1R	0.02
	1R	0.01	seoc5267	1R	0.02
mioc4978	1R	0.01	fcrb9499	1R	0.02
fcrc0720	1R	0.01	mioc4290	1R	0.02
ncrc6875	1R	0.01	seoal460	1R	0.02
seoa5691	1R	0.01	seoa9302	1R	0.02
fcrb2197	1R	0.01	seob7047		
fcrb5867	1R	0.01		1R	0.02
			fcrb2159	1R	0.02
fcrb7723	1R	0.01	seoa4284	1R	0.02
mioc3906	1R	0.01	seob4424	1R	0.02
fcrc5154	1R	0.01	ncrc9483	1R	0.02
hfcr3207	1R	0.01	seoa5766	1R	0.02
ncrc9525	1R	0.01	fcr1068		
fcr0553	1R	0.02		1R	0.02
			ncrc5553	1R	0.02
fcrb8623	1R	0.02	seoa7897	1R	0.02
fcrb9602	1R	0.02	seob5730	1R	0.02
fcrc5126	1R	0.02	seob9122	1R	0.02
hfcr5719	1R	0.02	seob6415	1R	
mioa4484	1R	0.02			0.02
mioc2021			fcr0793	1R	0.02
	1R	0.02	fcrc5136	1R	0.02
mioc8412	1R	0.02	mioa0890	1R	0.02
miod1937	1R	0.02	mioa2528	1R	0.02
ncrb0487	1R	0.02	miob2668	1R	0.02
ncrb0602	1R	0.02	miob3942		
		J. V.	1111003342	1R	0.02

ncr9779	1R	0.02	£	1.5	
ncrb0367	1R	0.02	fcrc5850	1R	0.03
			mioa6585	1R	0.03
seob0949	1R	0.02	mioc2961	1R	0.03
seob9871	1R	0.02	miod1885	1R	0.03
fcr1608	1R	0.02	ncrc5232	1R	0.03
fcr3181	1R	0.02	seoa7366	1R	0.03
seoc1957	1R	0.02	seoa8609	1R	0.03
ncrc3526	1R	0.02	seob3545	1R	0.03
ncr6811	1R	0.02	seob6020	1R	0.03
fcrb6410	1R	0.02	seob6680	1R	
fcrb1924	1R	0.02	seoa5525		0.03
seoa6387	1R	0.02		1R	0.03
seoa0221			mioc7296	1R	0.03
	1R	0.02	seob6132	1R	0.03
ncrc1374	1R	0.02	seoc3269	1R	0.03
mioa0707	1R	0.02	miob8698	1R	0.03
hfcr0543	1R	0.02	mioc4769	1R	0.03
fcrc4390	1R	0.02	ncrb3638	1R	0.03
fcr3539	1R	0.02	seob1238	1R	0.03
fcr5536	1R	0.02	fcr2729	1R	0.03
fcrb2460	1R	0.02	mioc3523	1R	0.03
fcrb3169	1R	0.02	ncrc9168	1R	0.03
fcrb5440	1R	0.02	fcrb2484	1R	0.03
fcrb7885	1R	0.02	fcrb8808		
fcrc0042	1R	0.02		1R	0.03
fcrc3998	1R	- 0.02	seob8639	1R	0.03
fcrc6560			miob9678	1R	0.03
	1R	0.02	hfcr0383	1R	0.03
hfcr3446	1R	0.02	fcr3620	1R	0.03
hfcr6322	1R	0.02	fcrb3201	1R ·	
mioa1055	1R	0.02	ncrc0744	1R	0.03
mioa6102	1R	0.02	seoc2218	1R	0.03
mioa6567	1R	0.02	fcrb2094	1R	0.03
mioc4552	1R	0.02	fcrb6785	1R	0.03
ncr3588	1R	0.02	mioc7904	1R	0.03
ncrb3768	1R	0.02	ncr3434	1R	0.03
ncrb5837	1R	0.02	ncrb8385	1R	0.03
ncrb8102	1R	0.02	ncrc2868	1R	0.03
ncrc2807	1R	0.02	ncrb8790	1R	0.03
seoa0388	1R	0.02	fcr7415	1R	0.03
seoa6510	1R	0.02	fcrb4932	1R	0.03
seob9353	1R	0.02	fcrb4995	1R	0.03
seoc2510	1R	0.02	fcrb5688		
seob5064	1R	0.02		1R	0.03
fcr4568	1R	0.02	fcrc5713	1R	0.03
seoa2385			hfcr4007	1R	0.03
seoa7077	1R	0.02	mioa0874	1R	0.03
	1R	0.02	miob1789	1R	0.03
fcrb8891	1R	0.02	mioc0699	1R	0.03
miob8487	1R	0.02	mioc2587	1R	0.03
fcrb4918	1R	0.02	mioc2728	1R	0.03
miob2466	1R	0.02	mioc7895	1R	0.03
seob1100	1R	0.02	ncr6232	1R	0.03
fcrc4846	1R	0.02	ncr7923	1R	0.03
fcr2935	1R	0.02	ncrb2013	1R	0.03
seob8839	1R	0.02	ncrb3444	1R	0.03
fcrc0839	1R	0.02	ncrb4402	1R	0.03
ncrc2531	1R	0.02	ncrc1192	1R	0.03
fcrb4504	1R	0.02			
fcrc5092	1R	0.02	ncrc4411	1R	0.03
seob8311	1R	0.02	seoa4167	1R	0.03
			seoa5366	1R	0.03
seoc2518	1R	0.02	seob3523	1R	0.03
seoa0010	1R	0.02	seob8242	1R	0.03
fcr2293	1R	0.03	seoc4960	1R	0.03
fcrb6141	1R	0.03	seoc5134	1R	0.03
fcrb6817	1R	0.03	mioc1049	1R	0.03
fcrc5113	1R	0.03	mioc3726	1R	0.03

mioa3084	1 D	0.03			
	1R		mioa8622	1R	0.04
mioc3962	1R	0.03	fcr3379	1R	0.04
ncr0138	1R	0.03	fcrb9151	1R	0.04
ncr8199	1R	0.03	fcrb9620	1R	0.04
seob1158	1R	0.03	hfcr3467	1R	0.04
seob1891	1R	0.03	hfcr3615	1R	0.04
fcrb4342	1R	0.03	hfcr5237	1R	
hfcr3110	1R	0.03			0.04
seoc5006	1R	0.03	mioa0891	1R	0.04
			mioa5531	1R	0.04
seoc2589	1R	0.03	mioa8820	1R	0.04
fcrb5199	1R	0.03	mioc2828	1R	0.04
mioa8851	1R	0.03	ncr1712	1R	0.04
ncrb7102	1R	0.03	ncr1768	1R	0.04
ncrc3100	1R	0.03	ncr7595	1R	0.04
fcr2018	1R	0.03	ncrb3373	1R	0.04
fcr2684	1R	0.03			
miod5198	1R	0.03	ncrb7211	1R	0.04
			seoa0207	1R	0.04
mioc1126	1R	0.03	seoa5575	1R	0.04
ncr4126	1R	0.03	seob6812	1R	0.04
seob8786	1R	0.03	fcrc2745	1R	0.04
mioa0820	1R	0.03	mioa0245	1R	0.04
fcrb5114	1R	0.03	mioa0763	1R	0.04
ncr9781	1R	0.03	hfcr3444	1R	0.04
seoa5090	1R	0.03	mioc6412	1R	
fcr0990	1R	-0.03			0.04
fcr3053	1R	0.03	ncr3339	1R	0.04
fcrb5564			mioc3716	1R	0.04
	1R	0.03	mioc7668	1R	0.04
fcrb8870	1R	0.03	fcr4272	1R	0.04
fcrc2280	1R	0.03	fcr2306	1R	0.04
fcrc5458	1R	0.03	fcrc5482	1R	0.04
hfcr2275	1R	0.03	seoc5228	1R	0.04
hfcr3962	1R	0.03	miod3205	1R	0.04
miob8249	1R	0.03	seob9368	1R	0.04
mioc4603	1R	0.03	fcrc2050	1R	
mioc6391	1R	0.03	fcrc4157		0.04
ncrc0964	1R	0.03		1R	0.04
ncrc5806	1R	0.03	mioc0301	1R	0.04
			ncrc1326	1R	0.04
ncrc5959	1R	0.03	seoa9363	1R	0.04
ncrc5972	1R	0.03	seob4804	1R	0.04
seoa4055	1R	0.03	fcrb2124	1R	0.04
seoa9735	1R	0.03	fcr3957	1R	0.04
fcrb2292	1R	0.03	fcr0253	1R	0.04
fcrb6363	1R	0.03	fcr1562	1R	0.04
ncr7151	1R	0.03	fcr5474	1R	0.04
ncrc6687	1R	0.03	fcrc5309	1R	
miod0455	1R	0.03			0.04
ncrc6697	1R	0.03	hfcr6700	1R	0.04
fcrc5516			mioa0601	1R	0.04
	1R	0.03	mioa8774	1R	0.04
mioa3018	1R	0.03	miob4368	1R	0.04
ncrc3343	1R	0.03	mioc3127	1R	0.04
fcr2167	1R	0.03	mioc6385	1R	0.04
fcrc2131	1R	0.03	mioc8635	1R	0.04
seob0219	1R	0.03	ncr8481	1R	0.04
seob6008	1R	0.03	ncr9487	1R	0.04
seob6558	1R	0.03			
seob5458	1R	0.03	ncrb7167	1R	0.04
seoc1504			ncrc0856	1R	0.04
	1R	0.03	ncrc5738	1R	0.04
mioa1971	1R	0.03	seoa4670	1R	0.04
mioc9206	1R	0.03	seob1574	1R	0.04
ncrc0262	1R	0.03	seob4105	1R	0.04
seob6139	1R	0.03	seob4498	1R	0.04
ncr9933	1R	0.03	seoc0513	1R	0.04
miod7326	1R	0.03	fcr4214		
miod2367	1R	0.03		1R	0.04
,		0.05	fcrb6522	1R	0.04

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ncrc2443	1R	0.04	seoc2030	1R	0.04
ncr6637	1R	0.04	seoal644	1V	2.4e-07
fcrb5679	1R	0.04	fcrb4985	1V	7.42e-07
seob6028	1R	0.04	seob3307	1V	8.48e-06
seoa0238	1R	0.04	seob2775	1V	1.28e-05
fcrc0559	1R	0.04	fcrb5214	1V	2.5e-05
ncrc0803	1R	0.04	fcrb8489		
mioc6925	1R	0.04		1V	2.68e-05
hfcr3224			mioc6211	1V	3.64e-05
	1R	0.04	miod6234	1V	3.66e-05
ncrc0863	1R	0.04	, hfcr3180	1V	4.19e-05
miob4760	1R	0.04	fcrb2256	1V	4.65e-05
seob5954	1R	0.04	ncrc9436	1V	5.3e-05
seoa5302	1R	0.04	fcrb4981	1V	5.58e-05
fcrb6301	1R	0.04	seoa9997	1V	6.35e-05
ncrc0922	1R	0.04	seoc0009	1V	6.35e-05
fcrc5007	1R	0.04	miob9805	1V	7.39e-05
fcrc1313	1R	0.04	seoa0099	1V	
mioc0240	1R	0.04	seob4197		8.58e-05
miod7099	1R	0.04		1V	8.72e-05
ncrc0341			fcr5836	1V	9.95e-05
	1R	0.04	fcrc5604	1V	1.06e-04
fcr0343	1R	0.04	mioa4229	1V	1.08e-04
fcr2182	1R	0.04	fcrb4781	1V	1.15081e-04
fcrb1604	1R	0.04	fcrb2137	1V	1.21e-04
fcrb1854	1R	0.04	seob2937	1V	1.23e-04
fcrc4005	1R	- 0.04	fcrb3966	1V	1.27e-04
hfcr3067	1R	0.04	seob2938	1V	1.52e-04
hfcr3070	1R	0.04	hfcr2287	1V	1.53205e-04
hfcr4170	1R	0.04	miod4564	1V	1.53205e-04
hfcr4275	1R	0.04	seoal460	1V	1.53205e-04
mioa2165	1R	0.04	ncrc5019	1V	
mioa5902	1R	0.04			1.72e-04
mioa8452	1R	0.04	hfcr5969	1V	1.76303e-04
mioa8594	1R	0.04	mioa2993	1V	2.02535e-04
			miod5505	1V	2.02535e-04
miob5119	1R	0.04	fcrb5123	1V	2.14e-04
miod4407	1R	0.04	hfcr2844	1V	2.22e-04
miod7367	1R	0.04	miod7099	1V	2.26e-04
ncr4612	1R	0.04	fcr5339	1V	2.32274e-04
ncr5975	1R	0.04	miob9652	1V	2.32274e-04
ncr8725	1R	0.04	seoa1883	1V	2.32274e-04
ncrb0090	1R	0.04	seoa5652	1V	2.32274e-04
ncrb3011	1R	0.04	seob5100	1V	2.32274e-04
ncrb7376	1R	0.04	ncrc5150	1V	2.45e-04
ncrc1653	1R	0.04	seob6217	. 1V	2.45e-04
ncrc6129	1R	0.04	seob7500	1V	2.45e-04
ncrc7171	1R	0.04	mioc0121	1V	2.45493e-04
seoa0064	1R	0.04	seob4306		
seoa6238	1R	0.04	seob4306 seob2950	1V	2.49e-04
seoa8266	1R	0.04		1V	2.65e-04
seob8854	1R	0.04	ncr2892	1V	2.65933e-04
			ncrb3980	1V	2.65933e-04
seoc1539	1R	0.04	seoa6178	1V	2.65933e-04
seoc1764	1R	0.04	seoc3519	1V	2.65933e-04
seoc7498	1R	0.04	fcrc5160	1V	3.03966e-04
seob3485	1R	0.04	mioa3940	1V	3.03966e-04
ncrb8468	1R	0.04	seob7765	1V	3.03966e-04
fcrb6005	1R	0.04	fcr3575	1V	3.19001e-04
ncrb8539	1R	0.04	miod5030	1V	3.46873e-04
ncrc5016	1R	0.04	fcrb3544	1V	3.47e-04
ncr2288	1R	0.04	seoc1235	1V	
fcrb1920	1R	0.04			3.49e-04
fcrb8020	1R	0.04	seoa5156	1V	3.5e-04
seoa4132			ncrb0164	1V	3.54e-04
	1R	0.04	ncrc5025	1V	3.55e-04
seoa9870	1R	0.04	seoa6661	1V	3.66e-04
seob0876	1R'	0.04	ncrc4985	1V	3.68e-04
seob2990	1R	0.04	seob7622	1V	3.68e-04

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fcr2860	1V	3.7e-04	fcrc7219	1V	5.78978e-04
fcr4128	1V	3.7e-04	mioc2872	1 V	5.78978e-04
fcrb1539	1V	3.7e-04	ncrc2857	1V	5.78978e-04
fcrb1990	1V	3.7e-04	seob9851	1V	5.78978e-04
fcrb2330	1V	3.7e-04	mioa8380	1V	5.8e-04
fcrb3119	1V	3.7e-04	hfcr0229	1V	6.04e-04
fcrb5269	1V	3.7e-04	fcrb5351		
fcrb5536	1V	3.7e-04		1V	6.14e-04
			seob9614	1V	6.2227e-04
fcrb5564	1V	3.7e-04	fcrb5896	1V	6.33e-04
fcrb6251	1V	3.7e-04	fcrc2724	1V	6.33e-04
fcrb6596	1V	3.7e-04	mioc7370	1V	6.33e-04
fcrb6639	1V	3.7e-04	fcr2299	1V	6.35519e-04
fcrb7084	1V	3.7e-04	fcr3053	1V	6.55553e-04
fcrb7693	1V	3.7e-04	fcrc5137	1V	6.55553e-04
fcrc2745	1V	3.7e-04	fcrc5614	1V	6.55553e-04
fcrc2849	1V	3.7e-04	mioa3668	1V	6.55553e-04
fcrc5480	1V	3.7e-04	miod4493	1V	6.55553e-04
miob1561	1V	3.7e-04	seoa5898		6.55553e-04
miob3456	1V	3.7e-04		1V	
miob8816	1V	3.7e-04	seoa8993	1V	6.55553e-04
			seoa9160	1V	6.55553e-04
miob9248	1V	3.7e-04	seob2987	1V	6.55553e-04
miob9393	1V	3.7e-04	ncrc3460	1V	7.23e-04
mioc4022	1V	3.7e-04	seob3088	1V	7.31e-04
miod5622	1V	3.7e-04	fcrb9611	1V	7.41141e-04
ncr1545	1V	⁻3.7e-04	fcrc5107	1V	7.41141e-04
ncrb2288	1V	3.7e-04	mioc3682	1V	7.41141e-04
ncrb7482	1V	3.7e-04	ncrb0749	1V	7.41141e-04
ncrc2443	1V	3.7e-04	seoc3690	1V	7.41141e-04
ncrc5363	1V	3.7e-04	seoc1642	1V	7.46e-04
seoa2209	1V	3.7e-04	fcrb8340	1V	7.85e-04
seoa3230	1V	3.7e-04	miob8825	1 V	7.85e-04
seoa7340	1V	3.7e-04	seob9869	1 V	
seoa8997	1V	3.7e-04			8.13e-04
seob0303	1V	3.7e-04	mioc4161	1V	8.18e-04
seob0303	1V	3.7e-04	fcrb8668	1V	8.3666e-04
			fcrc5041	1V	8.3666e-04
seob0872	1V	3.7e-04	fcrc5086	1V	8.3666e-04
seob1426	1V	3.7e-04	fcrc6932	1V	8.3666e-04
seoc1661	1V	3.7e-04	hfcr3058	1V	8.3666e-04
seoc2221	1V	3.7e-04	seob6437	1V	8.3666e-04
mioa4753	1V	3.89e-04	seob9772	1V	8.3666e-04
fcrb8114	1V	3.91e-04	seoa1318	1V	8.39e-04
seoa1749	1V	3.95201e-04	fcrb9420	1V	8.44e-04
miob9124	1V	4.2e-04	fcrb6715	1V	8.66e-04
fcrc0430	1V	4.28e-04	ncr2575	1V	9.04e-04
seoa5977	1V	4.43e-04	ncrc4875	1V	9.26e-04
fcr1772	1V	4.49e-04	miob9285	1V	9.36e-04
fcrc5577	1V	4.49548e-04	fcrb1684	1V	9.43108e-04
miob7794	1V	4.49548e-04	fcrb2113	1V	9.43108e-04
ncr4030	1V	4.49548e-04	fcrb3686		9.43108e-04 9.43108e-04
ncrc0576	1V	4.49548e-04		1V	
seoa0429	1V		mioa8864	1V	9.43108e-04
fcrb3680		4.68e-04	miob3695	1V	9.43108e-04
	1V	4.71e-04	miob4574	1V	9.43108e-04
ncr0133	1V	4.83e-04	miob8609	1V	9.43108e-04
fcrb6785	1V	5.10569e-04	seoa0799	1V	9.43108e-04
miob0764	1V	5.10569e-04	seob6379	1V	9.43108e-04
miod3827	1V	5.10569e-04	seoc4380	1V	9.43108e-04
ncrb0046	1V	5.10569e-04	seob6380	1V	9.5e-04
seob1362	1V	5.10569e-04	seob2994	1V	9.76e-04
seoc0149	1V	5.10569e-04	ncrc5039	1V	9.97e-04
fcrc4180	1V	5.27e-04	mioc1354	1V	1.061561e-03
fcrb3763	1V	5.67e-04	ncrb1167	1V	1.001301e-03
ncrc3283	1V	5.67e-04	seoa3895	1V	1.119756e-03
ncrc3358	1V	5.67e-04			
fcr4328	1V	5.78978e-04	seoc1307	1V	1.151704e-03
TOT 4350	Τ V	J. 10310E-U4	seoa1737	1V	1.155164e-03

ncrc9899	1V	1.170347e-03	ncrc3598	1V	1.476515e-03
fcrb3734	1V	1.170828e-03	ncrc4076	1V	1.476515e-03
seob0133	1V	1.181737e-03			
miob3618	1V	1.101737e-03 1.193188e-03	ncrc5688	1V	1.476515e-03
miob7106			ncrc8988	1V	1.476515e-03
	1V	1.193188e-03	seoa1856	1V	1.476515e-03
miob7638	1V	1.193188e-03	seoa2768	1V	1.476515e-03
ncrb0328	1V	1.193188e-03	seoa3891	1V	1.476515e-03
ncrc0461	1V	1.193188e-03	seoa4681	1V	1.476515e-03
seob4555	1V	1.193188e-03	seoa5235	1V	1.476515e-03
seoc0034	1V	1.193188e-03	seoa6557	1V	1.476515e-03
mioa0192	1V	1.218739e-03	seoa7517	1V	1.476515e-03
miod4735	1V	1.252641e-03	seoa7530	1V	1.476515e-03
mioa1906	1V	1.255827e-03	seoa8424	1V	1.476515e-03
mioa8973	1V	1.256375e-03	seoa9627	1V	1.476515e-03
seoa9724	1V	1.27253e-03	seoa9792	1V	1.476515e-03
miod1316	1V	1.29623e-03	seob0370	1V	1.476515e-03
ncrc9159	1V	1.326356e-03	seob1947	1V	1.476515e-03
fcr3001	1V	1.339245e-03	seob5556	1V	
fcrb8908	1V	1.339245e-03	seoc2722	1V	1.476515e-03
fcrc0591	1V	1.339245e-03	mioa8987		1.476515e-03
fcrc2775	1V	1.339245e-03		1V	1.493237e-03
fcrc7056	1V	1.339245e-03	miob7319	1V	1.494352e-03
hfcr2629			mioa0311	1V	1.501088e-03
	1V	1.339245e-03	mioa2173	1V	1.501088e-03
miob2836	1V	1.339245e-03	ncr4135	1V	1.501088e-03
mioc0669	1V	- 1.339245e-03	ncrb2544	1V	1.501088e-03
miod3946	1V	1.339245e-03	ncrb4166	1V	1.501088e-03
ncrc0964	1V	1.339245e-03	seoa0536	1V	1.501088e-03
ncrc9052	1V	1.339245e-03	seob8562	1V	1.501088e-03
seoa6172	1V	1.339245e-03	hfcr2670	1V	1.548822e-03
seob4734	1V	1.339245e-03	seoa5554	1V	1.560016e-03
seob7424	1V	1.339245e-03	miob9748	1V	1.637446e-03
fcr4380	1V	1.411242e-03	hfcr0263	1V	1.680177e-03
miod3914	1V	1.413142e-03	hfcr5991	1V	1.680177e-03
miod7081	1V	1.426601e-03	hfcr6613	1V	1.680177e-03
miod1323	1V	1.440791e-03	mioa3913	1V	1.680177e-03
fcrb1922	1V	1.458522e-03	ncrb3768	1V	1.680177e-03
ncr4189	1V	1.458522e-03	fcr0748	1V	1.690349e-03
fcr1756	1V	1.476515e-03	fcrb2292	1V	1.706646e-03
fcr4494	1V	1.476515e-03	fcrc6990	1V	1.722062e-03
fcr4902	1V	1.476515e-03	seob3226	1V	1.79599e-03
fcrb1575	1V	1.476515e-03	seob2728	1V	1.80089e-03
fcrb2483	1V	1.476515e-03	hfcr3444	1V	1.835381e-03
fcrb4470	1V	1.476515e-03	fcr2102	1V	1.844189e-03
fcrb4717	1V	1.476515e-03	fcr3856	1V	1.878078e-03
fcrb7036	1V	1.476515e-03	mioa8952	1V	1.878078e-03
fcrb9454	1V	1.476515e-03	miob8487	1V	1.878078e-03
fcrc0529	1V	1.476515e-03	miod5060	1V	
fcrc5471	1V	1.476515e-03	miod5000		1.878078e-03
fcrc7222	1V	1.476515e-03		1V	1.878078e-03
hfcr3647	1V	1.476515e-03	ncr6344	1V	1.878078e-03
mioa1626	1V	1.476515e-03	seoa0501	1V	1.878078e-03
miob3307			seoa8239	1V	1.878078e-03
	1V	1.476515e-03	seoc5228	1V	1.878078e-03
miob9734	1V	1.476515e-03	fcrb2800	1V	1.898609e-03
miob9788	1V	1.476515e-03	ncr0634	1V	1.92683e-03
mioc0911	1V	1.476515e-03	seoa4795	1V	1.961962e-03
mioc7364	1V	1.476515e-03	seob7906	1V	1.97218e-03
miod1448	1 <b>V</b>	1.476515e-03	fcrc5482	1V	2.019211e-03
miod5092	1V	1.476515e-03	ncrc5230	1V	2.026769e-03
miod7212	1V	1.476515e-03	seoa2805	1V	2.092754e-03
ncr0025	1V	1.476515e-03	fcr2276	1V	2.096472e-03
ncr2967	1V	1.476515e-03	fcrb4345	17	2.096472e-03
ncr8538	1V	1.476515e-03	fcrc1563	1V	2.096472e-03
ncrb3638	1V	1.476515e-03	fcrc5290	1V	2.096472e-03
ncrc1780	1V	1.476515e-03	fcrc6002	1V	2.096472e-03
			2020002	- v	2.0704/26-03

mioa0597	1V	2.096472e-03	ncr1712	1V	2.893252e-03
miob7662	1 V	2.096472e-03	ncrc2161	1V	2.893252e-03
miob8320	1V	2.096472e-03	seoa2391	1V	2.893252e-03
miod5010	1V	2.096472e-03	seob4145	1V	2.893252e-03
miod5256	1V	2.096472e-03	seob9543	1V	2.893252e-03
ncr3825	1V				
		2.096472e-03	ncr0491	1V	2.89732e-03
ncrb6109	1V	2.096472e-03	seoc1628	1V	3.049387e-03
seoa0207	1V	2.096472e-03	seob6156	1V	3.053926e-03
ncrb2092	1V	2.134438e-03	ncrc4033	1V	3.104345e-03
fcrb1992	1V	2.209983e-03	seob8287	1V	3.182459e-03
seoa3761	1V	2.225021e-03	mioc0302	1V	3.183214e-03
miod4407	1V	2.228163e-03	mioc0621	1V	3.183214e-03
seoa5433	1V	2.23127e-03	ncr2930	1V	3.183214e-03
seoa6620	1V	2.299089e-03			
			mioc3369	1V	3.203555e-03
fcrb3615	1V	2.337161e-03	ncrc9877	1V	3.209695e-03
fcrb3870	1V	2.337161e-03	fcr1555	1V	3.212904e-03
fcrb5296	1V	2.337161e-03	fcr4129	1V	3.212904e-03
fcrb6508	1V	2.337161e-03	fcrb5467	1V	3.212904e-03
fcrb8119	1V	2.337161e-03	fcrb8236	1V	3.212904e-03
fcrb8215	1V	2.337161e-03	mioa7617	1V	3.212904e-03
fcrc5139	1V	2.337161e-03	miod4269	1V	3.212904e-03
miod5198	1V	2.337161e-03	ncr4656	1V	3.212904e-03
miod6560	1V	2.337161e-03	ncr7923	1V	3.212904e 03
ncr3782	1V	2.337161e-03			
			ncr8153	1V	3.212904e-03
ncrb0027	1V	- 2.337161e-03	seoal599	1V	3.212904e-03
ncrb4477	1V	2.337161e-03	seoa8912	1V	3.212904e-03
ncrb7166	1V	2.337161e-03	mioc1060	1V	3.280556e-03
seoal173	1V	2.337161e-03	ncrc2675	1V	3.327646e-03
seob1808	1V	2.337161e-03	ncr8725	1V	3.386385e-03
seob6206	1V	2.342651e-03	fcrb2713	1V	3.387122e-03
miob9087	1V	2.3779e-03	fcrb6031	1V	3.409264e-03
seob0321	1V	2.379735e-03	hfcr2536	1V	3.539273e-03
miob3594	1V	2.406345e-03	mioa9491	1V	3.555572e-03
fcrb4067	1V	2.48884e-03	fcr2940	1V	3.558947e-03
seob0937	1V	2.540573e-03	fcr5536		
mioc3220	1V			1V	3.563359e-03
		2.541667e-03	fcrb1731	1V	3.563359e-03
fcrb9684	1V	2.564635e-03	mioc2166	1V	3.563359e-03
seob7575	1V	2.564635e-03	ncrb0045	1V	3.563359e-03
fcr0061	1V	2.602068e-03	ncrb0074	1V	3.563359e-03
fcr3282	1V	2.602068e-03	ncrb2517	1V	3.563359e-03
fcrc0379	1V	2.602068e-03	ncrc6846	1V	3.563359e-03
fcrc4390	1V	2.602068e-03	seoa1992	1V	3.563359e-03
miob5940	1V	2.602068e-03	seoa6152	1V	3.563359e-03
mioc3603	1V	2.602068e-03	seoa8177	1V	3.563359e-03
miod1377	1V	2.602068e-03	seob0058	1V	3.563359e-03
miod5771	1V	2.602068e-03	seob6133	1V	3.563359e-03
miod6324	1V	2.602068e-03			
ncrc8863			seoc0951	1V	3.563359e-03
	1V	2.602068e-03	seoc3659	1V	3.563359e-03
seoa1598	1V	2.602068e-03	seoc4928	1V	3.563359e-03
seob4303	1V	2.602068e-03	ncr4454	1V	3.575847e-03
fcrb6929	1V	2.604001e-03	seob3882	1V	3.664302e-03
ncrc2959	1V	2.604001e-03	seob0085	1V	3.701885e-03
fcrb1337	1V	2.697142e-03	mioa6726	1V	3.711483e-03
fcrc5690	1V	2.697142e-03	ncrb8646	1V	3.711654e-03
ncr0165	1V	2.697142e-03	seoa3717	1V	3.749508e-03
seoa6131	1V	2.721704e-03	seoa8399	1V	3.841578e-03
fcr4503	1V	2.721914e-03	fcrb5375		
				1V	3.881761e-03
miod4857	1V	2.870616e-03	miob9533	1V	3.895277e-03
fcr1328	1V	2.893252e-03	ncrb6742	1V	3.895528e-03
fcrc2573	1V	2.893252e-03	seoc5006	1V	3.929979e-03
fcrc5671	1V	2.893252e-03	fcrb1876	1V	3.9471e-03
hfcr5611	1V	2.893252e-03	fcrc2954	1V	3.9471e-03
mioc3669	1V	2.893252e-03	mioa2204	1V	3.9471e-03
miod0080	1 V	2.893252e-03	mioa8970	1V	3.9471e-03

mioa9604	1V	3.9471e-03	ncrc2831	1V	4.204851e-03
miob8691	1V	3.9471e-03	ncrc2919	1V	4.204851e-03
mioc7201	1V	3.9471e-03	ncrc4907	1V	4.204851e-03
miod5310	1V	3.9471e-03	ncrc5312	1V	4.204851e-03
miod6845	1V	3.9471e-03	ncrc8841	1V	4.204851e-03
ncr8481	1V	3.9471e-03	ncrc8949	1V	4.204851e-03
ncrb8239	1V	3.9471e-03	ncrc9328	1V	4.204851e-03
ncrc3855	1V	3.9471e-03			
			ncrc9910	1V	4.204851e-03
ncrc5376	1V	3.9471e-03	seoa0388	1V	4.204851e-03
ncrc6587	1V	3.9471e-03	seoa3147	1V	4.204851e-03
seoa0256	1V	3.9471e-03	seoa6137	1V	4.204851e-03
seob7278	1V	3.9471e-03	seoa6393	1V	4.204851e-03
miob8754	1V	3.989036e-03	seoa6497	1V	4.204851e-03
seob7584	1V	4.012618e-03	seoa6598	1V	4.204851e-03
ncrb8171	1V	4.135195e-03	seoa6718	1V	4.204851e-03
mioc1416	1V	4.135238e-03	seoa7157	1V	4.204851e-03
seob0046	1V	4.135238e-03	seoa8543	1V	4.204851e-03
miob9209	1V	4.157852e-03	seoa9302	1V	4.204851e-03
fcrb2308	1V	4.204851e-03	seob0034	1V	4.204851e-03
fcrb3181	1V	4.204851e-03	seob0054	1V	4.204851e-03
fcrb3201	1V	4.204851e-03	seob0426	1V	4.204851e-03
fcrb4241	1V	4.204851e-03	seob1081	1V	4.204851e-03
fcrb4270	1V	4.204851e-03	seob4645	1V	4.204851e-03
fcrb4294	1V	4.204851e-03	seob5319	1V	4.204851e-03
fcrb4360	1V	- 4.204851e-03	seob5743	1V	4.204851e-03
fcrb4417	1V	4.204851e-03	seob5748	1V	4.204851e-03
fcrb4963	1V	4.204851e-03	seob5899	1V	4.204851e-03
fcrb5688	1V	4.204851e-03	seob7474	1V	4.204851e-03
fcrb8449	1V	4.204851e-03	seob8483	1V	4.204851e-03
fcrb9371	1V	4.204851e-03	seoc0843	1V	4.204851e-03
fcrc1758	1V	4.204851e-03	fcr0903	1V	4.316218e-03
fcrc2306	1V	4.204851e-03	fcr1499	1V	4.339479e-03
fcrc5583	1V	4.204851e-03	hfcr3143	1V	4.349057e-03
hfcr3022	1V	4.204851e-03	mioc3139	1V	4.358139e-03
mioa1520	1V	4.204851e-03	fcrb3627	1V	4.366761e-03
mioa3321	1V	4.204851e-03	fcrb5503	1V	4.366761e-03
mioa3521	1V	4.204851e-03	fcrc1402	1V	4.366761e-03
mioa4076	1V	4.204851e+03	fcrc5771	1V	4.366761e-03
mioa4564	1V	4.204851e-03	hfcr2895	1V	4.366761e-03
mioa5085	1V	4.204851e-03	miob2668	17	4.366761e-03
mioa5692	1V	4.204851e-03	miod5672	1V	4.366761e-03
mioa5955	1V	4.204851e-03	ncr4416	1V	4.366761e-03
miob3953	1V	4.204851e-03	ncrb0696	1V	4.366761e-03
mioc1229	1V	4.204851e-03	ncrb8585	1V	4.366761e-03
mioc2209	1V	4.204851e-03	seoa1616	1V	4.366761e-03
mioc2348	1V	4.204851e-03	seob4293	1V	4.366761e-03
mioc2451	1V	4.204851e-03	seoc0284	1V	4.366761e-03
mioc2577	1V	4.204851e-03	seoc0742	1V	4.366761e-03
mioc4112	1V	4.204851e-03	seoc4381	1V	4.366761e-03
mioc6374	1V	4.204851e-03	fcrc5007	1V	4.388153e-03
miod2128	1V	4.204851e-03	seob0185	1V	4.388153e-03
miod3160	1V	4.204851e-03	miod7414	1V	4.474241e-03
miod6048	1V	4.204851e-03	seoc2549	1V	4.489551e-03
miod6521	1V	4.204851e-03	mioc4351	1V	4.538604e-03
miod7324	1V	4.204851e-03	mioc8481		4.678627e-03
ncr0638	1V	4.204851e-03		1V	
			miod4686	1V	4.740394e-03
ncr1305	1V	4.204851e-03	fcr2972	1V	4.825136e-03
ncr1550	1V	4.204851e-03	fcrc4551	1V	4.825136e-03
ncrb0207	1V	4.204851e-03	fcrc6174	1V	4.825136e-03
ncrb3348	1V	4.204851e-03	hfcr4497	1V	4.825136e-03
ncrb8538	1V	4.204851e-03	miob2285	1V	4.825136e-03
ncrc0539	1V	4.204851e-03	mioc1600	1V	4.825136e-03
ncrc1247	1 <b>V</b>	4.204851e-03	miod4932	1V	4.825136e-03
ncrc1595	1V	4.204851e-03	ncr8096	1V	4.825136e-03

ncrc9784	1V	4.825136e-03	fcr2935	1V	5.990508e-03
seoa4107	1V	4.825136e-03	seob6851	1V	6.032512e-03
seob4105	1V	4.825136e-03 '	seob7309	1V	6.107204e-03
seob7866	1V	4.825136e-03	fcrb7760	1V	6.130086e-03
seoa2899	1V	4.826733e-03	ncrc5088	1V	6.197231e-03
hfcr0489	1V	4.869783e-03	seob2661	1V	6.211987e-03
fcrb5527	1V	4.888032e-03			· · · · - · · · · - · · · · · ·
			mioc2021	1V	6.236422e-03
seob5551	1V	4.908034e-03	seoc1804	1V	6.261128e-03
mioa4077	1V	4.909178e-03	miob8463	1V	6.391219e-03
ncrc9228	1V	4.93663e-03	fcrc0959	1V	6.416508e-03
fcrb3120	1V	5.081016e-03	ncr2484	1V	6.42957e-03
ncrc4448	1V	5.161235e-03	fcrb6301	1V	6.441057e-03
hfcr5865	1V	5.255535e-03	fcr1347	1V	6.462965e-03
fcrb3715	1V	5.312325e-03	fcrb5241	1V	6.462965e-03
fcrb7852	1V	5.318621e-03	fcrc5391	1V	6.462965e-03
ncrb7027	1V	5.324125e-03			
			mioa0497	1V	6.462965e-03
fcr1312	1V	5.325183e-03	miob3531	1V	6.462965e-03
fcrb8542	1V	5.325183e-03	miob6713	1V	6.462965e-03
fcrc6465	1V	5.325183e-03	miod0456	1V	6.462965e-03
fcrc7046	1V	5.325183e-03	ncr2869	1V	6.462965e-03
mioa1473	1V	5.325183e-03	ncr7668	1V	6.462965e-03
mioa9891	1V	5.325183e-03	ncrc0249	1V	6.462965e-03
miob0167	1.V	5.325183e-03	ncrc3596	1V	6.462965e-03
miob3247	1V	5.325183e-03	ncrc4654	1V	6.462965e-03
miob5751	1V	5.325183e-03	ncrc6417	1V	6.462965e-03
miod5258	1V	5.325183e-03	seoa1747	1V	6.462965e-03
ncrc6588	1V	5.325183e-03	seoa2822	1V	6.462965e-03
seoa4647	1V	5.325183e-03			
seob3064	1 V		seoa6754	1V	6.462965e-03
		5.325183e-03	seoa9363	1V	6.462965e-03
seob6096	1V	5.325183e-03	seob0201	1V	6.462965e-03
seoc0369	1V	5.325183e-03	seob3170	1V	6.462965e-03
miob9163	1V	5.338918e-03	seob7729	1V	6.462965e-03
seoa6930	1V	5.338918e-03	seob9756	1V	6.462965e-03
seob2685	1V	5.358138e-03	ncrb7350	1V	6.507615e-03
miob0974	1V	5.376436e-03	seob9970	1V	6.507615e-03
fcrb6107	1V	5.429727e-03	seoa8300	1V	6.520751e-03
seob4689	1V	5.482935e-03	fcrc4663	1V	6.53971e-03
hfcr2686	1V	5.502936e-03	hfcr3404	1V	6.5438e-03
seoa9712	1V	5.541398e-03	fcrb6363	1V	6.573178e-03
mioc2403	1V	5.546828e-03	seob5889	1V	6.584665e-03
mioc2592	1V	5.591403e-03	fcrb1767	1V	6.5959e-03
seoa4066	1V	5.634661e-03	miob7109	1V	6.695564e-03
miob8274	1V	5.669235e-03	mioc2961		
mioa5558	1V			1V	6.726375e-03
		5.842704e-03	ncrc3690	1V	6.760566e-03
ncr3614	1V	5.868299e-03	seob6272	1V	6.914972e-03
fcr6748	1V	5.870026e-03	fcrb6776	1V	6.94408e-03
fcrb5449	1V	5.870026e-03	ncrb8802	1V	6.973937e-03
fcrc0180	1V	5.870026e-03	fcr5257	1V	7.107476e-03
mioa2038	1V	5.870026e-03	fcrb6279	1V	7.107476e-03
mioa6556	1V	5.870026e-03	fcrb7812	1V	7.107476e-03
miob2227	1V	5.870026e-03	mioa9246	1V	7.107476e-03
miob9678	1V	5.870026e-03	miob1814	1V	7.107476e-03
mioc5182	1V	5.870026e-03	miob4803	1V	7.107476e-03
miod4019	1V	5.870026e-03	miob6632	1V	7.107476e-03
ncr8111	1V	5.870026e-03	mioc0899	1V	7.107476e-03
ncrb0220	1V	5.870026e-03			
seoal834			mioc2619	1V	7.107476e-03
	1V	5.870026e-03	ncr1299	1V	7.107476e-03
seoa4264	1V	5.870026e-03	ncr4612	1V	7.107476e-03
seoa5138	1V	5.870026e-03	ncr7904	1V	7.107476e-03
seoc1764	1V	5.870026e-03	ncrb3424	1V	7.107476e-03
seoc3374	1V	5.870026e-03	ncrc2796	1V	7.107476e-03
fcrb5254	1V	5.873716e-03	ncrc3551	1V	7.107476e-03
hfcr3844	1V	5.898035e-03	ncrc4798	1V	7.107476e-03
fcr0999	1V	5.963463e-03	ncrc9044	1V	7.107476e-03
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ncrc9525	1V	7.107476e-03	mioa2374	1V	8.566036e-03
seoa1736	1V	7.107476e-03	mioa3486	1V	8.566036e-03
seoa1802	1V	7.107476e-03	mioa4037	1V	8.566036e-03
seoa9373	1V	7.107476e-03	mioa4177	1V	8.566036e-03
seob2953	1V	7.107476e-03	ncr3112	1V	8.566036e-03
seob7039	1V	7.107476e-03	ncr7382	1V	8.566036e-03
ncrc9483	1V	7.135877e-03	ncrb6903	1V	8.566036e-03
fcrb1867	1V	7.149399e-03	seoa4524	1V	8.566036e-03
fcrb6351	1V	7.150346e-03	seoc0317	1V	8.566036e-03
fcrc5024	17	7.17138e-03	miob8707	1V	8.631338e-03
hfcr3436	1V	7.17138e-03	fcrc6228	1V	8.668265e-03
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ncrb6327	1V	7.17138e-03 7.17138e-03	fcrc6916		
fcrc4150	1V	7.17138e-03 7.20619e-03		1V	8.677358e-03
seoa0792	1V	7.20619e-03 7.296919e-03	seoa4608	1V	8.697131e-03
			seob6279	1V	8.785727e-03
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ncr2861	1V	7.37339e-03	seob0084	1V	8.825601e-03
seoc4824	1V	7.406399e-03	fcr4224	1V	8.856803e-03
ncrc6825	1V	7.490077e-03	fcrb7785	1V	8.880688e-03
seob5684	1V	7.493924e-03	seoc8115	1V	9.082651e-03
fcrb2424	1V	7.538874e-03	mioa4738	1V	9.101947e-03
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miob4370	1V	7.592592e-03	miob3174	1V	9.150755e-03
seoa0221	1V	- 7.677171e-03	fcrb8161	1V	9.192222e-03
seoc2050	1V	7.769248e-03	seob5044	1V	9.283845e-03
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ncrc6459	1V	7.78102e-03	ncrc5146	1V	9.367346e-03
fcrb2749	1V	7.807218e-03	fcr4803	1V	9.387964e-03
fcrb5272	1V	7.807218e-03	fcr5316	1V	9.387964e-03
fcrb5389	1V	7.807218e-03	fcrb4789	1V	9.387964e-03
fcrb6549	1V	7.807218e-03	fcrb9499	1V	9.387964e-03
hfcr3518	1V	7.807218e-03	fcrc2536	1V	9.387964e-03
mioa9492	1V	7.807218e-03	fcrc5142	1V	9.387964e-03
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miod6134	1V	7.807218e-03	fcrc7180	1V	9.387964e-03
ncrb0054	1V	7.807218e-03	hfcr5919	1V	9.387964e-03
ncrc5316	1V	7.807218e-03	miob2705	1V	9.387964e-03
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ncrc7023	1V	7.807218e-03	mioc2110	1V	9.387964e-03
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seob7941	1V	7.807218e-03	miod4629	1V	9.387964e-03
seob9627	1V	7.807218e-03	miod6961	1V	9.387964e-03
ncrc6264	1V	7.987052e-03	ncr0159	1V	9.387964e-03
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seob3326	1V	8.004907e-03	ncr4654	1V	9.387964e-03
fcrb8121	1V	8.06206e-03	ncr5065	1V	9.387964e-03
fcrb5929	1V	8.173274e-03	ncrb2085	1V	9.387964e-03
seoa7178	1V	8.208048e-03	ncrc6778	1V	9.387964e-03
miob6087	17	8.227431e-03	seoa6658	1V	9.387964e-03
mioc0981	1V	8.229427e-03	seob1187	1V	9.387964e-03
ncrc5760	īv	8.24867e-03	seob3303	1V	9.387964e-03
mioa3084	1V	8.251328e-03	seoc1948	1V	9.387964e-03
seob5903	1V	8.35087e-03	seob0089	1V	9.434517e-03
fcrb1399	17	8.385639e-03	ncr4550	1V	9.487359e-03
seoa4056	1V	8.435426e-03	ncrc9284	1V	9.514386e-03
fcr3033	1V	8.446509e-03	mioc0530	1V	9.561475e-03
seoa2978	1V	8.471198e-03	ncrb8396	1V	9.591184e-03
ncr3965	1V	8.490122e-03	fcr0511	1V	9.682221e-03
fcrb4589	1V	8.566036e-03	fcr0837	1V	9.682221e-03
fcrb8504	1V	8.566036e-03	fcr1337	1V	9.682221e-03
1010004	- v	3.3000306-03	1011337	ΤΛ	9.002221e-03

fcr3559	1V	9.682221e-03	seob1842	1V	9.682221e-03
fcrb1729	1V	9.682221e-03	seob1898	1V	9.682221e-03
fcrb2203	1V	9.682221e-03	seob5773	1V	9.682221e-03
fcrb3024	1V	9.682221e-03	seob6560	1V	9.682221e-03
fcrb3857	1V	9.682221e-03	seoc0355	1V	9.682221e-03
fcrb3874	1V	9.682221e-03	seoc3870	1V	9.682221e-03
fcrb5537	1V	9.682221e-03			
			seoc4960	1V	9.682221e-03
fcrb5709	1V	9.682221e-03	seoc6703	1V	9.682221e-03
fcrb5912	1V	9.682221e-03	ncrb4248	1V	9.724687e-03
fcrb6874	1V	9.682221e-03	fcrc6877	1V	9.907979e-03
fcrb9914	1V	9.682221e-03	mioa4667 ·	1V	0.01
fcrc1085	1V	9.682221e-03	mioc7331	1V	0.01
fcrc4722	1V	9.682221e-03	hfcr5959	1V	0.01
fcrc6452	1V	9.682221e-03	seob1862	1V	0.01
hfcr0045	1V	9.682221e-03	fcr2220	1V	0.01
hfcr5003	1V	9.682221e-03	fcrc2231	1V	0.01
mioa2413	1V	9.682221e-03	fcrc6855	1V	0.01
mioa2447	1V	9.682221e-03	fcrc6898		
mioa4326				1V	0.01
	1V	9.682221e-03	miob2869	1V	0.01
mioa4818	1V	9.682221e-03	miob4037	1V	0.01
miob0681	1V	9.682221e-03	miod1236	1V	0.01
miob1830	1V	9.682221e-03	ncr9324	1V	0.01
miob2686	1V	9.682221e-03	ncr9502	1V	0.01
miob3461	1V	9.682221e-03	ncrc4219	1V	0.01
miob3937	1V	- 9.682221e-03	ncrc4757	1V	0.01
miob4055	1V	9.682221e-03	ncrc6920	1V	0.01
miob4735	1V	9.682221e-03	ncrc9519	1V	0.01
miob6442	1V	9.682221e-03	seoa0186	1V	0.01
miob6615	1V	9.682221e-03	seoal552	1V	0.01
miob8572	1V	9.682221e-03	seob1420	1V	0.01
miob8694	1V	9.682221e-03	seob1906	1V	0.01
miocl086	1V	9.682221e-03			
mioc2541	1 V	9.682221e-03 9.682221e-03	seoc0698	1V	0.01
			seoc4410	1V	0.01
mioc3206	1V	9.682221e-03	miob0207	1V	0.01
mioc4318	1V	9.682221e-03	miob8616	1V	0.01
miod4752	1V	9.682221e-03	mioc9881	1V	0.01
ncr2926	1V	9.682221e-03	miob2287	1V	0.01
ncr3690	1V	9.682221e-03	miod6437	1V	0.01
ncr3815	1V	9.682221e-03	seob5465	1V	0.01
ncr4332	1V	9.682221e-03	miod6938	1V	0.01
ncr8693	1V	9.682221e-03	hfcr2756	1V	0.01
ncrb0145	1 V	9.682221e-03	seoal615	1V	0.01
ncrb6762	1V	9.682221e-03	mioc2385	1V	0.01
ncrc0341	1V	9.682221e-03	mioc1808	1V	0.01
ncrc0744	1V	9.682221e-03	mioc1991	1V	0.01
ncrc0972	1V	9.682221e-03	seob1213	1V	0.01
ncrc2273	1V	9.682221e-03	fcrc6566	1V	0.01
ncrc3321	1V	9.682221e-03	ncrc6127	1V	
ncrc4940	1V	9.682221e-03			0.01
			fcrb4378	1V	0.01
ncrc5016	1V	9.682221e-03	fcr0107	1V	0.01
ncrc5072	1V	9.682221e-03	fcr1060	1V	0.01
ncrc6371	1V	9.682221e-03	fcrb1369	1V	0.01
ncrc8963	1V	9.682221e-03	fcrb1492	1V	0.01
seoa1770	1V	9.682221e-03	fcrb6718	1V	0.01
seoa2641	1V	9.682221e-03	fcrc6372	1V	0.01
seoa3108	1 V	9.682221e-03	mioa0245	1V	0.01
seoa4739	1V	9.682221e-03	mioa1953	1V	0.01
seoa6315	1V	9.682221e-03	mioa8796	1V	0.01
seoa8638	1V	9.682221e-03	miob7945	1V	0.01
seob0182	1V	9.682221e-03	miob8214	1V	0.01
seob0308	1V	9.682221e-03	miob8947	1V	0.01
seob0975	17	9.682221e-03	mioc2216		
seob1323	1V	9.682221e-03		1V	0.01
			miod1291	1V	0.01
seob1574	1V	9.682221e-03	miod4332	1V	0.01

ncrc0829	1V	0.01	mioc3040	1V	0.01
ncrc8873	1V	0.01	mioc7471	1V	0.01
seoa1540	1V	0.01	fcrb5336	1V	0.01
seoa4366	1V	0.01		1V	0.01
			fcrc1745		
seoa4670	1V	0.01	mioc0955	1V	0.01
seob1316	1V	0.01	seoa9828	1V	0.01
seob1972	1V	0.01	ncrc3045	1V	0.01
seob3361	1V	0.01	miob2656	1V	0.01
seoc1495	1V	0.01	fcr2729	1V	0.01
seoc2681	1V	0.01	seoc0018	1V	0.01
fcrc2429	1V	0.01	miob9463	1V	0.01
seob0483	1V	0.01	fcr2969	1V	0.01
		0.01			
miod4023	1V		mioc1928	1V	0.01
seoa8921	1V	0.01	fcr3957	1V	0.01
seob9674	1V	0.01	ncrc3468	1V	0.01
ncrc5061	1V	0.01	fcrc6481	1V	0.01
ncr3963	1V	0.01	fcr5560	1V	0.01
seoa9046	1V	0.01	fcr2218	1V	0.01
seob8854	1V	0.01	fcrb2426	1V	0.01
seob5490	1V	0.01	fcrb2460	1V	0.01
fcr0787	1V	0.01	fcrb4616	1V	0.01
ncrc2701	1V	0.01			
			fcrb5756	1V	0.01
fcrb3704	1V	0.01	fcrc5355	1V	0.01
seob2283	1V	0.01	fcrc5468	1V	0.01
fcrb6509	1V	- 0.01	fcrc5688	1V	0.01
fcrb4869	1V	0.01	hfcr3413	1V	0.01
seoa3105	1V	0.01	mioa0533	1V	0.01
hfcr6406	1V	0.01	mioa0826	1V	
					0.01
seob5778	1V	0.01	mioa1343	1V	0.01
mioc7561	1V	0.01	mioa2292	1V	0.01
seob4192	1V	0.01	mioc0214	1V	0.01
seob7419	1V	0.01	mioc5072	1V	0.01
miod3205	1V	0.01	miod0443	1V	0.01
fcrb8093	1V	0.01	miod7251	1V	0.01
fcrc4529	1V	0.01			
			ncr8709	1V	0.01
fcrc5060	1V	0.01	ncrb2053	1V	0.01
hfcr2934	1V	0.01	ncrb6818	1V	0.01
hfcr3500	1V	0.01	seob5454	1V	0.01
mioa0820	1V	0.01	seob8333	1V	0.01
mioa5461	1V	0.01	seoc1990	1V	0.01
mioa9033	1V	0.01	fcrb7487		
				1V	0.01
miob7850	1V	0.01	fcrb3079	1V	0.01
mioc4885	1V	0.01	seoc1203	1V	0.01
miod3776	1V	0.01	ncrc9237	1V	0.01
ncr4790	1V	0.01	fcrb9636	1V	0.01
ncrb0200	1V	0.01	miob4570	1V	0.01
ncrc3324	1V	0.01			
			hfcr2601	1V	0.01
ncrc9793	1V	0.01	hfcr3144	1V	0.01
seoa2633	1V	0.01	fcrb2299	1V	0.01
seoa9883	1V	0.01	seob9145	1V	0.01
seob2149	1V	0.01	ncr4126	1V	0.01
seob2658	1V	0.01	fcrb5007	1V	0.01
seob3191	1V	0.01			
			seob6026	1V	0.01
seob7739	1V	0.01	fcrb4734	1V	0.01
seoc0957	1V	0.01	miod0625	1V	0.01
seoc1217	1V	0.01	seob6835	1V	0.01
seoc4137	1V	0.01	ncr9175	1V	0.01
seoc5722	1V	0.01	fcr0824	1 V	0.01
seob0755	1V	0.01			
			ncrc9704	1V	0.01
miod4539	1V	0.01	mioa4810	1V	0.01
seob5927	1V	0.01	ncrc8935	1V	0.01
seob1039	1V	0.01	seoa2972	1V	0.01
seoa3251	1V	0.01	fcr0707	1V	0.01
fcrc0210	1V	0.01	fcr5190	1 V	0.01
	- 1		1013130	Τ Λ	0.01

fcrb1950	1V	0 01	0067	1	0 01
		0.01	ncr8067	1V	0.01
fcrb6438	1V	0.01	seoa3731	1V	0.01
fcrb7602	1V	0.01	seoa6697	1V	0.01
fcrb8208	1V	0.01	seoa7366	1V	0.01
fcrc2884	1V	0.01	seoa7369	1V	0.01
hfcr2850	1V	0.01	seoa7583	1V	0.01
mioa0187	1V	0.01	seob4333	1V	0.01
mioa0684	1V	0.01	seoc0920		
				1V	0.01
mioa6093	1V	0.01	seoc4145	1V	0.01
mioa9154	1V	0.01	seoa1720	1V	0.01
miob8698	1V	0.01	ncrc4732	1V	0.01
mioc0090	1V	0.01	fcrc6397	1V	0.01
mioc0528	1V	0.01	mioa4606	1V	0.01
mioc3958	1V	0.01	fcr6708	1V	0.01
miod1200	1V	0.01	seob3139	1V	0.01
miodf200	1V	0.01			
			hfcr3634	1V	0.01
miod6671	1V	0.01	· seob3009	1V	0.01
miod7225	1V	0.01	seoc4900	1V	0.01
ncr0664	1V	0.01	fcrb2804	1V	0.01
ncrc5149	1V	0.01	hfcr6256	1V	0.01
ncrc5653	1V	0.01	miob3018	1V	0.01
ncrc6623	1V	0.01	fcrc6826	1V	0.01
ncrc8865	1V	0.01	seob6041	1V	0.01
seoa1979	1V	0.01	seob0041 seob8257		
				1V	0.01
seoa2042	1V	- 0.01	seoal567	1V	0.01
seoa9873	1V	0.01	seoa6129	1V	0.01
seob2642	1V	0.01	seoa9060	1V	0.01
seob4122	1V	0.01	seoc5039	1V	0.01
seob6872	1V	0.01	miob3420	1V	0.01
seob9764	1V	0.01	ncr3297	1V	0.01
fcrb4409	1V	0.01	ncrc3624	1V	0.01
ncr2695	1V	0.01	fcr2195	1V	0.01
seob7229	1V	0.01	fcrb8719	1V	0.01
seoa5698	1V	0.01			
			fcrc0415	1V	0.01
miod6058	1V	0.01	fcrc5169	1V	0.01
ncr2391	1V	0.01	fcrc6976	1V	0.01
ncr3037	1V	0.01	mioa1513	1V	0.01
fcrc6642	1V	0.01	miob2687	1V	0.01
fcrb6651	1V	0.01	miob2941	1V	0.01
ncr9956	1V	0.01	miob4368	1V	0.01
mioc1125	1V	0.01	miob9128	1V	0.01
mioa3987	1V	0.01	miod1157	1V	0.01
ncr2421	1V	0.01	miod6488	1V	0.01
mioc3605	1V	0.01			0.01
		0.01	ncr0547	1V	
fcrb9017	1V		ncr1355	1V	0.01
miod5793	1V	0.01	ncr3163	1V	0.01
miob4760	1V	0.01	ncr6415	1V	0.01
ncrc2928	1V	0.01	ncr8866	1V	0.01
fcrb6255	1V	0.01	ncrb0364	1V	0.01
ncrc4440	1V	0.01	ncrc3593	1V	0.01
mioa6543	1V	0.01	seoa4829	1V	0.01
miob3358	1V	0.01	seoa5986	1V	0.01
fcrb1580	1V	0.01	seoa7373	1V	0.01
fcrb3288	1V	0.01			
			seob1197	1V	0.01
fcrc2705	1V	0.01	seob4075	1V	0.01
hfcr0130	1V	0.01	seob4117	1V	0.01
mioa9062	1V	0.01	seob4270	1V	0.01
mioa9719	1 <b>V</b>	0.01	seob9282	1V	0.01
mioa9935	1V	0.01	seoc1856	1V	0.01
miob1811	1V	0.01	seoc4038	1V	0.01
miob3257	1V	0.01	fcrb4271	1V	0.01
miod1056	1V	0.01			
			seoa9729	1V	0.01
miod4066	1V	0.01	seoa5552	1V	0.01
ncr2176	1V	0.01	fcrc6833	1V	0.01

ncr5651	1V	0.01	seoa0823	1 77	0 01
fcrc2429	1V	0.01		1V	0.01
ncrc7085	1V	0.01	seob9435	1V	0.01
			mioc4280	1V	0.01
mioa3963	1V	0.01	seoc4436	1V	0.01
seoc1906	1V	0.01	mioa5059	1V	0.01
mioa7976	1V	0.01	ncrc1606	1V	0.01
seoa9656	1V	0.01	mioc1379	1V	0.01
fcrb3476	1V	0.01	miob0939	1V	0.01
ncrc5091	1V	0.01	fcr2582	1V	0.01
mioc0206	1V	0.01	fcrb0146	1V	0.01
ncr5709	1V	0.01	fcrb1689	1V	0.01
seoa5787	1V	0.01	fcrb2017	1V	0.01
seob6492	1V	0.01	fcrb3576	. 1V	0.01
seob8194	1V	0.01	fcrb3725	1V	0.01
fcr2908	1V	0.01	fcrb3723		
fcrb6181	1V	0.01		1V	0.01
seoa2141	1V	0.01	fcrb4266	1V	0.01
seoa5578			fcrb4543	1V	0.01
	1V	0.01	fcrb5448	1V	0.01
seoa4158	1V	0.01	fcrb5687	1V	0.01
seoc3277	1V	0.01	fcrb5690	1V	0.01
seoc0924	.1V	0.01	fcrb5720	1V	0.01
ncrc6871	1V	0.01	fcrb5774	1V	0.01
seob3360	1V	0.01	fcrb6281	1V	0.01
mioc0140	1V	0.01	fcrb7871	1V	0.01
mioa6121	1V	- 0.01	fcrb8202	1V	0.01
ncr9373	1V	0.01	fcrb8222	1V	0.01
mioa0482	1V	0.01	fcrb8802	1V	0.01
seoa4040	1V	0.01	fcrb8829	1V	0.01
fcr2611	1V	0.01	fcrb9858	1V	0.01
fcr3599	1V	0.01	fcrc0241	1V	0.01
fcr4639	1V	0.01	fcrc3488	1V	0.01
fcrb2421	1V	0.01	fcrc4054	1V	0.01
fcrb2704	1V	0.01	fcrc5040	1V	0.01
fcrb3309	1V	0.01	fcrc5789	1V	0.01
fcrb3554	1V	0.01	fcrc6184	1V	0.01
fcrb3644	1V	0.01	hfcr3043	1V	0.01
fcrb4504	1V	0.01	hfcr3441	1V	0.01
fcrb6780	1V	0.01	hfcr3592	1V	0.01
fcrb8732	1V	0.01	hfcr5706	1V	0.01
fcrc3538	1V	0.01	hfcr5798	1V	0.01
fcrc6374	1V	0.01	mioa1370	1V	0.01
hfcr5604	1V	0.01	mioa1976	1V	0.01
mioa9630	1V	0.01	mioa4552	1V	0.01
miod1532	1V	0.01	mioa5045	1V	0.01
miod1809	1V	0.01	mioa5054	1V	0.01
miod5349	1V	0.01	mioa5355	1V	0.01
ncr5568	1V	0.01	mioa7015	1V	0.01
ncr9933	1V	0.01	miob1506	1V	0.01
ncrc0729	. 1V	0.01	miob2093	1V	0.01
ncrc0852	17	0.01	miob4401	1 V	0.01
ncrc9024	1V	0.01	miob4401 miob5491		
seoa2765	1V	0.01		1V	0.01
seoa3359	1V	0.01	miob6610	1V	0.01
seoa4587	1V	0.01	miob8830	1V	0.01
seoa8783	1V	0.01	miob9714	1V	0.01
seoa9287	1V		mioc1560	1V	0.01
		0.01	mioc2039	1V	0.01
seob2750	1V	0.01	mioc2343	1V	0.01
seob3751	1V	0.01	mioc2806	1V	0.01
seob5658	1V	0.01	mioc4526	1V	0.01
seob9820	1V	0.01	mioc4839	1V	0.01
seoc0416	1V	0.01	mioc7381	1V	0.01
seocl311	1V	0.01	mioc7863	1V	0.01
seoc4132	1V	0.01	miod5884	1V	0.01
fcrb5000	1V	0.01	miod6162	1V	0.01

miod7066	1V	0.01	ncr6170	137	0.02
ncr0007	1V	0.01		1V	
			ncr9487	1V	0.02
ncr0912	1V	0.01	ncrb0262	1V	0.02
ncr3219	1V	0.01	ncrb8220	1V	0.02
ncr3649	1V	0.01	ncrc0856	1V	0.02
ncr3686	1V	0.01	ncrc4903	1V	0.02
ncr3948	1V	0.01	seoa6867	1V	0.02
ncr4384	1V	0.01	seob1144	1V	0.02
ncr5971	1V	0.01	seob2156	1V	0.02
ncr7295	1V	0.01	seob2966	1V	0.02
ncrc1498	1V	0.01	seoc0651	1V	0.02
ncrc1999	1V	0.01	seoc1476	1V	0.02
ncrc4586	1V	0.01	ncrc4531	1V	0.02
ncrc8903	1V	0.01	seoc4135	1V	0.02
ncrc9039	1V	0.01	fcrc6888	1V	0.02
seoa2162	1V	0.01	hfcr3019	1V	0.02
seoa2244	1V	0.01	mioa8096	1V	0.02
seoa3417	1V	0.01	ncrc4882	1V	0.02
seoa4783	1V	0.01	seoa9959	1V	0.02
seoa5691	1V	0.01	seoa1263	1V	0.02
seoa7543	1V	0.01	seoa7926	1V	0.02
seoa9209	1V	0.01	miob9348	1 V	0.02
seob0971	1V	0.01	mioc2728	1 V	0.02
seob1007	1V	0.01	ncrc4302	1 V	0.02
seob1737	1V	- 0.01	miob8650	1V	0.02
seob1770	1V	0.01	ncrb4428	1V	0.02
seob2108	1V	0.01	ncrc4188		
seob2100	1 V	0.01	ncrc5738	1V 1V	0.02 0.02
seob3244	1V	0.01			
seob3244 seob3404	1 V	0.01	seobl161	1V	0.02
seob3404	1V	0.01	seob5711 fcrc6989	1V 1V	0.02 0.02
seob5004	1 V	0.01	fcr0018	1 V 1 V	
seob5004	1 V	0.01	fcr1984		0.02
seob5144 seob5225	1 V	0.01	fcrb1477	1V	0.02
seob3223	1 V	0.01	fcrb2624	1V	0.02
seob9122 seob9574	1 V 1 V	0.01		1V	0.02
seoc1023	1 V	0.01	mioa0763	1V	0.02
seoc1305	1 V 1 V	0.01	mioa1701	1V	0.02
seoc4609	1 V	0.01	mioa9792	1V	0.02
ncrb8752	1 V	0.01	miob3690	1V	0.02
fcrb2133	1 V	0.01	mioc2341	1V	0.02
seoa4675	1V		mioc7774	1V	0.02
		0.01	miod0993	1V	0.02
seoc2248 miod2845	1V 1V	0.01 0.01	ncr5485	1V	0.02
fcrc6041			ncr5871	1V	0.02
miob9176	1V 1V	0.01 0.01	ncr7351	1V	0.02
seoa1559	1 V		seoa1102	1V	0.02
seoc0276		0.01	seoa6395	1V	0.02
	1V	0.02	seoa7115	1V	0.02
ncrc1949	1V	0.02	seoa7902	1V	0.02
seob0783	1V	0.02	seoa8547	1V	0.02
miod7243	1V	0.02	seob2148	1V	0.02
fcr0529	1V	0.02	seob5395	1V	0.02
fcrb1898	1V	0.02	seoc1996	1V	0.02
fcrb2719	1V	0.02	seoc2487	1V	0.02
fcrb4542	1V	0.02	miob8373	1V	0.02
fcrb4826	1V	0.02	fcrb2437	1V	0.02
fcrb7939	1V	0.02	miob9404	1V	0.02
hfcr4168	1V	0.02	hfcr2524	1V	0.02
miob2492	1V	0.02	seoa0238	1V	0.02
miob3898	1V	0.02	miod0500	1V	0.02
miob6226	1V	0.02	seob1787	1V	0.02
mioc2546	1V	0.02	fcrb3330	1V	0.02
mioc8206	1V	0.02	ncrc3908	1V	0.02
ncr0075	1V	0.02	fcrc6542	1V	0.02

miob6702	1V	0.02	seoa9445	1V	0.02
fcrc2254	1V	0.02	seoc0705	1V	0.02
seob0752	1V	0.02	miob3131	1V	0.02
fcrb2556	1V	0.02	fcrb2334	1V	0.02
seoc0203	1V	0.02	ncrc3464	1V	0.02
ncr0252	1V	0.02	miod7461	1V	0.02
ncr3483	1V	0.02	ncr2160	1V	0.02
seoa5090	1V	0.02			
			fcr2182	1V	
seoa8902	1V	0.02	fcrb1916	1V	0.02
fcr1992	1V	0.02	fcrb9849	1V	0.02
miob9848	1V	0.02	fcrc5873	1V	0.02
seoa5766	1V	0.02	hfcr1371	1V	0.02
mioc7084	1V	0.02	mioa1068	1V	0.02
fcrb8682	1V	0.02	mioa3629	1V	0.02
fcrc0287	1V	0.02	miob0189	1V	0.02
fcr0796	1V	0.02	miob3271	1V	0.02
fcrb3946	1V	0.02	miob4322	1V	0.02
fcrb5346	1V	0.02	miob4522	1V	0.02
fcrb8516	1V	0.02			
			miob9065	1V	0.02
fcrc2710	1V	0.02	mioc0337	1V	0.02
fcrc7057	1V	0.02	mioc3716	1V	0.02
mioa5409	1V	0.02	mioc6987	1V	0.02
miob1493	1V	0.02	mioc7421	1V	0.02
miob1774	1V	0.02	mioc8368	1V	0.02
miob2448	1V	- 0.02	miod0992	1V	0.02
miob8077	1V	0.02	ncr3339	1V	0.02
mioc4089	1V	0.02	ncr8314	1V	0.02
mioc7296	1V	0.02	ncrb0624	1V	0.02
mioc8635	1V	0.02	ncrc2763	1V	0.02
miod6731	1V	0.02			
			ncrc3735	1V	0.02
ncr3975	1V	0.02	ncrc9557	1V	0.02
ncr9975	1V	0.02	seoa0470	1V	0.02
ncrb6581	1V	0.02	seoall18	1V	0.02
ncrb8619	1V	0.02	seoa8229	1V	0.02
ncrc7038	1V	0.02	seoa8716	1V	0.02
ncrc8856	1V	0.02	seob3670	1V	0.02
seoa0145	1V	0.02	seob9241	1V	0.02
seoa0420	1V	0.02	seoc0780	1V	0.02
seob2081	1V	0.02	seoc1504	1V	0.02
seob6879	1V	0.02	seob9898	1V	0.02
seob7505	1V	0.02	miob7435	1V	0.02
seob9617	1V	0.02	ncrc5631	1V	0.02
fcrb6834	1V	0.02	mioa4548		0.02
fcrb8334	1V	0.02		1V	
			ncr3944	1V	0.02
seob1238	1V	0.02	mioa1660	1V	0.02
seob8241	1V	0.02	seob3025	1V	0.02
miob8391	1V	0.02	hfcr2890	1V	0.02
seoa5302	1V	0.02	fcrb3539	1V	0.02
ncr0045	1V	0.02	ncr8780	1V	0.02
mioa4318	1V	0.02	ncrc1310	1V	0.02
ncrc7049	1V	0.02	seob0678	1V	0.02
miod4759	1V	0.02	mioc8793	1V	0.02
fcrb3298	1V	0.02	fcrb2591	1V	0.02
ncr0761	1V	0.02	ncr4648	1V	0.02
miod5682	1V	0.02	ncrc7065	1V	0.02
seob8386	1V 1V	0.02			
			fcrc6138	1V	0.02
ncr8199	1V	0.02	fcrb9407	1V	0.02
ncrb8649	1V	0.02	ncrb3284	1V	0.02
miob9462	1V	0.02	miob4221	1V	0.02
ncr2905	1V	0.02	seob5032	1V	0.02
mioa1353	1V	0.02	ncrc0423	1V	0.02
mioa8925	1V	0.02	fcrb6990	1V	0.02
seob3131	1V	0.02	miob7268	1V	0.02
mioc8057	1V	0.02	seoa6226	1V	0.02

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ncrc4296	1V	0.02	ncrc2087	1V	0.02
mioc1992	1V	0.02	ncr3598	1V	0.02
mioc1248	1V	0.02	ncr9779	1V	0.02
miod5655	1V	0.02	mioc2536	1V	0.02
seob2555	1V	0.02	fcrc6108	1V	0.03
fcrb1733	1V	0.02	mioa4770	1V	0.03
fcrb1929	1V	0.02	ncrb2588	1V	0.03
mioa4674	1V	0.02	fcr5930	1V	0.03
mioa5695	1V				
		0.02	fcr1092	1V	0.03
seob6030	1V	0.02	fcrb1962	1V	0.03
seoc2670	1V	0.02	fcrb4506	1V	0.03
miob3552	1V	0.02	fcrc5205	1V	0.03
fcrb2015	1V	0.02	hfcr2658	1V	0.03
fcrb7392	1V	0.02	mioa4064	1V	0.03
fcrc5713	1V	0.02	mioa5594	1V	0.03
hfcr2789	1V	0.02	miob1778	1V	0.03
hfcr4278	1V	0.02	miob2877	1V	0.03
mioa0577	1V	0.02			
			miob2900	1V	0.03
mioa6552	1V	0.02	miob4793	1V	0.03
miob1044	1V	0.02	mioc0734	1V	0.03
miob2700	1V	0.02	mioc1296	1V	0.03
miob2855	1V	0.02	mioc4387	1V	0.03
miob3411	1V	0.02			
			mioc7444	1V	0.03
miob6098	1V	0.02	mioc9974	1V	0.03
mioc1249	1V	- 0.02	miod7440	1V	0.03
miod6024	1V	0.02	ncr2666	1V	0.03
miod7375	1V	0.02	ncrb1186	1V	0.03
ncr7411	1V	0.02	ncrc0807	1V	0.03
ncr9039	1V	0.02			
			ncrc2007	1V	0.03
ncrc1615	1V	0.02	ncrc4001	1V	0.03
ncrc3541	1V	0.02	ncrc4189	1V	0.03
ncrc3713	1V	0.02	ncrc4467	1V	0.03
ncrc3887	1V	0.02	seoa0288	1V	0.03
ncrc4135	1V	0.02	seoa5575	1V	0.03
ncrc4996	1V	0.02	seoa7443		
seoa0115	1V			1V	0.03
		0.02	seoa7647	1V	0.03
seoa0511	1V	0.02	seob0376	1V	0.03
seoa2178	1V	0.02	seob1100	1V	0.03
seoa7249	1V	0.02	seob1667	1V	0.03
seob0466	1V	0.02	seob4440	17	0.03
seob1318	1V	0.02	seob7465	1V	0.03
seob3189	1V	0.02	seob8817	1V	0.03
seob3415	1V	0.02	seob9001	1V	0.03
seob3564	1V	0.02	fcrb9583	1V	0.03
seob6541	1V	0.02	seob7047	1V	0.03
seoc1069	1V	0.02	fcrb8649	1V	0.03
ncr7934	1V	0.02	ncr2182		
fcrb5313				1V	0.03
	1V	0.02	fcrc6313	1V	0.03
seoa3852	1V	0.02	ncr2866	1V	0.03
mioa3923	1V	0.02	ncrc5758	1V	0.03
seoa4317	1V	0.02	ncrc2868	1V	0.03
fcrc2683	1 V	0.02	ncrc0421	1V	0.03
fcrb1618	1V	0.02	ncrc2018		
				1V	0.03
fcrb1320	1V	0.02	seoc2723	1V	0.03
hfcr6141	1V	0.02	seob6584	1V	0.03
hfcr3726	1V	0.02	miob3942	1V	0.03
seob6853	1V	0.02	miod7460	1V	0.03
hfcr3674	1V	0.02	fcrb4551	1V	0.03
mioc7986	1 V	0.02			
			fcrb1921	1V	0.03
miod2641	1V	0.02	mioc0347	1V	0.03
fcrc4851	1V	0.02	fcrb2569	1V	0.03
fcrc5233	1V	0.02	miob0931	1V	0.03
seob2090	1V	0.02	seob7463	1V	0.03
fcrc0959	1V	0.02	fcrb7831	1V	0.03
			2022.031	τ ν	0.05

. 0410	4				
mioc8412	1V	0.03	seob2810	1V	0.03
fcrb6650	1V	0.03	mioc7665	1V	0.03
seob1538	1V	0.03	miob8531	1V	0.03
fcrc6476	1V	0.03	hfcr1238	1V	0.03
seoa5162	1V	0.03	ncr3701	1V	0.03
mioa0601	1V	0.03			
			ncrb3957	1V	0.03
miod4449	1V	0.03	seob3654	1V	0.03
miod5591	1V	0.03	seob3367	1V	0.03
seob5562	1V	0.03	fcrc5516	1V	0.03
fcrb8095	1V	0.03	fcrb6897	1V	
fcr1182	1V	0.03			0.03
			ncrc3536	1V	0.03
fcr2196	1V	0.03	fcr1004	1V	0.03
fcrb1411	1V	0.03	fcrb1741	1V	0.03
fcrb6436	1V	0.03	fcrb4918	1V	0.03
fcrb7593	1V	0.03	fcr1098	1V	0.03
fcrc0730	1V	0.03	fcr1855		
				1V	0.03
fcrc5174	1V	0.03	fcr3121	1V	0.03
fcrc6010	1V	0.03	fcr3155	1V	0.03
hfcr2314	1V	0.03	fcr4699	1V	0.03
hfcr2963	1V	0.03	fcrb1724	1V	0.03
hfcr5150	1V	0.03	fcrb2554	1V	0.03
mioa4476	1V	0.03			
			fcrb2866	1V	0.03
miob2478	1V	0.03	fcrb4238	1V	0.03
mioc7225	1V	0.03	fcrb4331	1V	0.03
mioc7952	1V	0.03	fcrb4788	1V	0.03
miod0708	1V	0.03	fcrb5267	1V	0.03
miod1389	1V	0.03	fcrb6106	1V	
miod5651	1V	0.03			0.03
			fcrb6236	1V	0.03
miod6835	1V	0.03	fcrb6416		0.03
ncr0644	1V	0.03	fcrb6636	1V	0.03
ncr3165	1V	0.03	fcrb6640	1V	0.03
ncr3830	1V	0.03	fcrb6802	1V	0.03
ncr3869	1V	0.03	fcrb6939	1V	0.03
ncr4040	1V	0.03			
			fcrb6968	1V	0.03
ncr8326	1V	0.03	fcrb7068	1V	0.03
ncrb0487	1V	0.03	fcrb7951	1V	0.03
ncrb1956	1V	0.03	fcrb8927	1V	0.03
ncrb5537	1V	0.03	fcrb9639	1V	0.03
ncrb7516	1V	0.03	fcrc0148	1V	0.03
ncrb8721	1V	0.03	fcrc2577	1 V	
ncrc1003	1V	0.03			0.03
			fcrc6460	1V	0.03
ncrc3842	1V	0.03	hfcr4046	1V	0.03
ncrc6268	1V	0.03	mioa2528	1V	0.03
ncrc6996	1V	0.03	mioa2986	1V	0.03
seoa0040	1V	0.03	mioa5231	1V	0.03
seoa4886	1V	0.03	mioa8679	1V	0.03
seoa5382	1V	0.03			
			mioa8984	1V	0.03
seoa5473	1V	0.03	mioa9709	1V	0.03
seoa9421	1V	0.03	miob0942	1V	0.03
seob1891	1V	0.03	miob2593	1V	0.03
seob9635	1V	0.03	miob3668	1V	0.03
seoc1694	1V	0.03	miob4975	1V	0.03
seoc2172	1V	0.03			
			miob7274	1V	0.03
seoc3029	1V	0.03	miob8932	1V	0.03
ncrc4991	1V	0.03	miob9274	1V	0.03
miod1714	1V	0.03	mioc0107	1V	0.03
ncr2079	1V	0.03	mioc1025	1V	0.03
mioc6358	1V	0.03		1V	0.03
mioa8484	1V	0.03	mioc1135		
			mioc1865	1V	0.03
ncrc1775	1V	0.03	mioc3243	1V	0.03
fcrb7616	1V	0.03	mioc3565	1V	0.03
fcr0833	1V	0.03	mioc3571	1V	0.03
seob4223	1V	0.03	mioc7073	1V	0.03
seob2689	1V	0.03			
	T 4	0.05	mioc7542	1V	0.03

mioc7910	1V	0.03	mioc0741	1V	0.03
miod0884	1V	0.03	miod7011		
		0.03		1V	0.03
miod5190	1V		ncr6212	1V	0.03
miod6745	1V	0.03	ncr6408	1V	0.03
ncr0927	1V	0.03	ncr7345	1V	0.03
ncr2583	1V	0.03	ncr8112	1V	0.03
ncr2848	1V	0.03	ncrb2909	1V	0.03
ncr3148	1V	0.03	ncrc3777	1V	0.03
ncr5055	1V	0.03	seoa0024	1V	0.03
ncr5301	. 1V	0.03	seoal419	1V	0.03
ncr9469	1V	0.03	seoa4284	1V	0.03
ncrb6432	1V	0.03	seoa4461	1V	0.03
ncrb8714	1V	0.03	seoa5894	1V	0.03
ncrc1904	1V	0.03	seob6576		
ncrc4263	1V	0.03		1V	0.03
			seoc6169	1V	0.03
ncrc4373	1V	0.03	ncrb1224	1V	0.03
ncrc5672	1V	0.03	fcrc2082	1V	0.03
ncrc6953	1V	0.03	fcr1150	1V	0.03
seoa0512	1V	0.03	mioc0852	1V	0.03
seoa1765	1V	0.03	mioa0485	1 <b>V</b>	0.03
seoa2809	1V	0.03	mioc4731	1V	0.03
seoa3269	1V	0.03	seoa0396	1V	0.03
seoa5494	1V	0.03	fcr5721	1V	0.03
seoa7442	1V	0.03	fcrb7632	1V	0.03
seob0787	1V	0.03	fcrb8628	1V	0.03
seob0906	1V	0.03	ncrc5553	1V	0.03
seob1372	1V	0.03	seob3520	1V	0.03
seob1793	1V	0.03	fcr3367	1V	0.03
seob2155	1V	0.03	ncr7813	1V	0.03
seob7015	1V	0.03	mioc7807	1V	0.03
seob8311	1V	0.03	seob3731	1V	0.03
seob8742	1V	0.03	miod3197	1V	0.03
seoc3876	1V	0.03	ncr1948	1V	0.03
seoc4076	1V	0.03	ncrc0115	17	0.03
seoc4625	1V	0.03	seoa9619	1V 1V	0.03
fcrc2013	1V	0.03	seob4140	1V	0.03
miob7922	1 V	0.03	seob4140 seob2724	1V	0.03
fcrb6464	1V	0.03	fcrb3629	1V	0.03
seob6316	1V	0.03	fcrb7685	1V 1V	0.03
seob6131	1V	0.03	mioc0915	1V 1V	0.03
seoa7587	1V	0.03	ncrb3936	1V 1V	
seoc3511	1V	0.03		1 V	0.03 0.03
miob3757	1V	0.03	ncr4194		
fcr4622	1V	0.03	seoc0394	1V	0.03
mioc0999	1V	0.03	fcrb5726 miod1820	1V	0.03
fcrb1582	1V	0.03		1V	0.03
fcrb2090	1V	0.03	seoa9131	1V	0.03
fcrb4926	1V	0.03	fcrc2108	1V	0.03
fcrb5100	1V	0.03	mioa3392	1V	0.03
fcrb5603	1V		seob8999	1V	0.03
fcrb5631		0.03	mioc5740	1V	0.03
fcrb5752	1V	0.03	ncr0212	1V	0.03
	1V	0.03 0.03	fcr5350	1V	0.03
fcrb6460	1V		fcr7295	1V	0.03
fcrb6986	1V	0.03	fcrb1406	1V	0.03
fcrb9096	1V	0.03	fcrb1769	1V	0.03
fcrc2830	1V	0.03	fcrb2376	1V	0.03
fcrc5359	1V	0.03	fcrb4515	1V	0.03
fcrc7243	1V	0.03	fcrb4719	1V	0.03
hfcr0501	1V	0.03	fcrb5253	1V	0.03
hfcr3821	1V	0.03	fcrb6717	1V	0.03
mioa3428	1V	0.03	fcrb6870	1V	0.03
mioa9007	1V	0.03	fcrc1654	1V	0.03
miob5888	1V	0.03	fcrc4005	1V	0.03
mioc0052	1V	0.03	fcrc4176	1V	0.03

fcrc5452	1V	0.03	hfcr0439	1V	0.04
fcrc5699	1V	0.03	hfcr3494	1V	0.04
hfcr0345	1V	0.03	hfcr5397	1V	0.04
mioa1524	1V	0.03	mioa4196	1V	0.04
mioc5141	1V	0.03			
			mioa7976	1V	0.04
miod7270	1V	0.03	mioa9179	1V	0.04
ncr2381	1V	0.03	miob1939	1V	0.04
ncr3380	1V	0.03	miob3314	1V	0.04
ncr4485	1V	0.03	miob7135	1V	0.04
ncrb3001	1V	0.03	miob9688	1V	0.04
ncrb4022	1V	0.03	mioc0486	1V	0.04
ncrb8398	1V	0.03	mioc0902	1V	0.04
ncrc5592	1V	0.03	mioc1198	1V	0.04
ncrc6359	1V	0.03	mioc7668	1V	0.04
seoa0014	1V	0.03	miod0355	1V	0.04
seoa3533	1V	0.03			
			miod4083	1V	0.04
seoa5151	1V	0.03	ncr1876	1V	0.04
seoa8564	1V	0.03	ncr5397	1V	0.04
seob3112	1V	0.03	ncrc2110	1V	0.04
seob9285	1V	0.03	ncrc3895	1V	0.04
seoc0616	1V	0.03	ncrc4313	1V	0.04
fcr5425	1V	0.03			
			ncrc4620	1V	0.04
ncrc1175	1V	0.03	ncrc5207	1V	0.04
mioc4366	1V	0.03	ncrc6861	1V	0.04
seob7744	1V	-0.03	ncrc8976	1V	0.04
fcr0893	1V	0.03	seoa4023	1V	0.04
mioc1783	1V	0.03	seoa4600	1V	0.04
fcrb6304	1V	0.03			
			seoa5234	1V	0.04
seob7402	1V	0.03	seoa6621	1V	0.04
miod4522	1V	0.03	seoa6887	1V	0.04
ncr2260	1V	0.03	seob3545	1V	0.04
ncrc7016	1V	0.03	seob4263	1V	0.04
fcrb6012	1V	0.03	seob3854	1V	0.04
seob7404	1V	0.03	mioa1933	1V	0.04
ncrc9766	1V	0.03			
			fcrc1115	1V	0.04
fcrc0695	1V	0.03	fcrb6890	1V	0.04
fcrc4649	1V	0.03	seob0325	1V	0.04
fcr2103	1V	0.03	fcrb1451	1V	0.04
fcr3528	1V	0.03	mioa0332	1V	0.04
ncr3763	1V	0.03	ncrc9758	1V	0.04
seob5493	1V	0.03	mioa1603	1V	
fcrc5846	1V				0.04
		0.03	miod0878	1V	0.04
seoc0775	1V	0.03	fcrb5326	1V	0.04
fcrb0355	1V	0.03	ncr0238	1V	0.04
ncrb2125	1V	0.03	mioc2694	1V	0.04
seob4621	1V	0.03	fcrb8808	1V	0.04
fcrb5151	1V	0.03	seob2331	1V	0.04
seob0253	1V	0.03	ncrb3077		
				1V	0.04
seoa3847	1V	0.03	ncrc3068	1V	0.04
seob8204	1V	0.03	ncrc2415	1V	0.04
ncrc5744	1V	0.04	hfcr5905	1V	0.04
seob6751	1V	0.04	miod7429	1V	0.04
seob3378	1V	0.04	seob0031	1V	0.04
fcrb8485	1V	0.04	miob1115		
				1V	0.04
seoa3245	1V	0.04	ncr2486	1V	0.04
mioc5103	1V	0.04	seoa2936	1V	0.04
ncrc5423	1V	0.04	fcrb5087	1V	0.04
fcr1103	1V	0.04	ncr5472	1V	0.04
fcr0503	1V	0.04	seob9872	1V	0.04
fcr4226	1V	0.04			
			ncrc9004	1V	0.04
fcrb4388	1V	0.04	ncrc1608	1V	0.04
fcrb5440	1V	0.04	seob3067	1V	0.04
fcrc5483	1V	0.04	seoa5637	1V	0.04
fcrc6089	1V	0.04	seoc4762	1V	0.04
			20001702		5.5.

mioa1392	1V	0.04	mioa2072	1V	0.04
mioc8682	1V	0.04	fcrb9401	1V	0.04
seob6812	1V	0.04	seob8261	1V	0.04
seob8425	1V	0.04	fcrb9444	1V	0.04
fcr0997	1V	0.04			
			miob4346	1V	0.04
fcr2573	1V	0.04	ncrc9681	1V	0.04
fcr3043	1V	0.04	seob6758	1V	0.04
fcr3286	1V	0.04	seob1133	1V	0.04
fcr4743	1V	0.04	mioa4632	1V	0.04
fcrb1466	1V	0.04	miob4378	1V	0.04
fcrb2859	1V	0.04			
			miod4342	1V	0.04
fcrb3080	1V	0.04	fcrb4721	1V	0.04
fcrc0810	1V	0.04	fcrb7931	1V	0.04
fcrc1790	1V	0.04	seoa0219	1V	0.04
fcrc2407	1V	0.04	fcr3287	1V	0.04
fcrc3907	1V	0.04	seoa0065	1V	0.04
fcrc4277	1V	0.04		1V	
			ncrc0262		0.04
fcrc6519	1V	0.04	seoc1025	1V	0.04
hfcr3660	1V	0.04	seoa7075	1V	0.04
hfcr3902	1V	0.04	miod0676	1V	0.04
mioa0132	1 <b>V</b>	0.04	seob6446	1V	0.04
mioa1380	1V	0.04	ncrc1168	1V	0.04
mioa2327	1V	0.04	ncrb1420	1V	0.04
mioa2818	1V	0.04			
			seoa7605	1V	0.04
mioa4542	1V	0.04	seob1757	1V	0.04
mioa5508	1V	0.04	fcr1421	1V	0.04
mioa9649	1V	0.04	fcr0553	1V	0.04
miob3696	1V	0.04	fcr0793	1V	0.04
mioc0861	1V	0.04	fcrb2102	1V	0.04
mioc2173	1V	0.04	fcrb2592	1V	0.04
mioc2634	1V	0.04	fcrb7331	1V	0.04
mioc5736	1V	0.04			
			fcrc0795	1V	0.04
mioc6252	1V	0.04	hfcr6245	1V	0.04
mioc8531	1V	0.04	mioa9127	1V	0.04
miod2079	1V	0.04	mioa9147	1V	0.04
ncr6326	1V	0.04	miob2601	1V	0.04
ncr7286	1V	0.04	miob8308	1V	0.04
ncrc3030	1V	0.04	mioc0760	1V	0.04
ncrc6118	1V	0.04	mioc3316	1V	0.04
ncrc8881	1V				
		0.04	mioc4552	1V	0.04
seoa2381	1V	0.04	mioc5013	1V	0.04
seoa6223	1V	0.04	ncr0808	1V	0.04
seob3548	1V	0.04	ncr6256	1V	0.04
seob3886	1V	0.04	ncrb6261	1V	0.04
seob6467	1V	0.04	ncrc5569	1V	0.04
seob6882	1V	0.04	ncrc6193	1V	0.04
seoc5002	1V	0.04	ncrc7043	1V	0.04
seoa9566	1V	0.04			
			ncrc9023	1V	0.04
mioa3997	1V	0.04	seoa7077	1V	0.04
seob6008	1V	0.04	seob0514	1V	0.04
fcr0706	1V	0.04	seob1231	1V	0.04
fcrb4712	1V	0.04	seoc0098	1V	0.04
fcrc6234	1V	0.04	seoc1593	1V	0.04
mioc0649	1V	0.04	fcrc0686	1V	0.04
fcrc5898	1V	0.04	mioa5773	1V	0.04
ncrc9304	1V	0.04			
			seoa7078	1V	0.04
ncrc3073	1V	0.04	ncrc1140	1V	0.04
hfcr3375	1V	0.04	mioc7662	1V	0.04
ncrb2798	1V	0.04	fcrb3192	1V	0.04
ncrc2756	1V	0.04	fcrb9376	1V	0.04
seob5954	1V	0.04	seob5734	1V	0.04
seoc2192	1V	0.04	seoc1934	1V	0.04
ncr0920	1V	0.04			
mioa1585	1V 1V		seoa3639	1V	0.04
WILDEIDED	Τ Λ	0.04	fcrc4729	1 V	0.04

fcrc5071	1V	0.04	ncrc0115	1X	3.19e-04
seob1319	1V	0.04	fcrb5002	1X	4.23e-04
ncr5168	1V	0.04	seoc4941		4.34e-04
seob8660	1V	0.04	mioa3486		4.38e-04
fcrb5177	1V	0.04	seoa5849		4.42e-04
ncrc9530	1V	0.04	mioc6412		
fcrb2150	1V	0.04			4.44e-04
fcr1562			seob0514	1X	4.46e-04
	1V	0.04	miob7985	1X	4.6e-04
ncr3118	1V	0.04	ncrb8396	1X	4.66e-04
ncrb2360	1V	0.04	ncrc6479	1X	4.81e-04
fcrb8940	1V	0.04	ncr7973	1X	4.85e-04
fcrb1446	1V	0.04	hfcr3183	1X	4.88e-04
seoa7295	1V	0.04	seoc2336		4.94e-04
miob8146	1V	0.04	seoa9792	1X	5.09e-04
seoa7223	1V	0.04	fcrc5384	1X	5.1e-04
ncrc1349	1V	0.04	mioc2694	1X	
fcrb2763	1V	0.04			5.18e-04
fcrb6747	1V	0.04	mioc0276	1X	5.28e-04
mioa0869			seoa5528	1X	5.38e-04
	1V	0.04	seoa9287	1X	5.45e-04
fcrb1312	1V	0.04	seoc4380	1X	6.07e-04
mioc4834	1V	0.04	miod6162	1X	6.12e-04
miob9463	1X	3.09e-07	miod6147	1X	6.2e-04
fcrb6460	1X	8.2e-07	seob9847	1X	6.68e-04
fcrb5214	1X	1.04e-06	ncrb8220	1X	7.0e-04
fcrc2954	1X	1.71e-06	mioc1025	1X	7.12e-04
fcrb3521	1X	4.14e-06	miob7850	1X	7.18e-04
seoc4135	1X	4.17e-06	seoc4971	1X	7.10e 04 7.29e-04
mioc2039	1X	4.36e-06	fcrc5671		
ncrc9739	1X	1.55e-05		1X	7.36e-04
miob9748	1X	1.57e-05	seoc4381	1X	7.54e-04
miod6961			seoc4132	1X	8.23e-04
	1X	1.97e-05	mioc2514	1X	8.4e-04
fcrb4981	1X	3.15e-05	hfcr2890	1X	9.18e-04
ncrb0074	1X	3.45e-05	seob4515	1X	9.22e-04
ncr5651	1X	3.54e-05	seoa7249	1X	9.92e-04
fcrb9611	1X	3.57e-05	seoc1675	1X	1.027088e-03
fcr1169	1X	3.6e-05	ncr0133	1X	1.05172e-03
seoa9389	1X	3.72e-05	miob9805	1X	1.156892e-03
ncrc1140	1X	3.81e-05	seoa9042	1X	1.158959e-03
mioc2094	1X	3.97e-05	fcrb9849	1X	1.227294e-03
mioa7976	1X	4.01e-05	miob9831	1X	1.263821e-03
ncrc4931	1X	4.13e-05	hfcr4489	1X	1.264067e-03
miod6134	1X	4.56e-05	ncr4673	1X	
fcrc5482	1X	6.75e-05			1.338044e-03
fcrb6664	1X	7.04e-05	fcrb7852	1X	1.34787e-03
fcrc6826		8.11e-05	fcrc2573	1X	1.392684e-03
	1X		seob3307	1X	1.439442e-03
miob8825	1X	9.0e-05	fcrc2429	1X	1.448948e-03
fcrb5855	1X	9.3e-05	fcrc5850	1X	1.455176e-03
fcrb7055	1X	1.05e-04	seob7739	1X	1.615597e-03
mioa2377	1X	1.05e-04	seob9756	1X	1.643381e-03
miod5894	1X	1.05e-04	miob9340	1X	1.687009e-03
ncrb8207	1X	1.06e-04	fcrb6469	1X	1.855844e-03
mioc0206	1X	1.09e-04	mioc2388	1X	1.89135e-03
seob9884	1X	1.24e-04	seoc1561	1X	1.894109e-03
fcrc5452	1X	1.31e-04	fcrc2082	1X	1.897321e-03
miob7391	1X	1.32e-04			
fcrc6174	1X	1.37e-04	seob5726	1X	1.905436e-03
ncr8725			seoc3690	1X	1.972802e-03
	1X	1.44e-04	miob5434	1X	1.991278e-03
fcrb4985	1X	1.54e-04	fcrb7722	1X	2.042772e-03
mioc2021	1X	1.67e-04	ncr7286	1X	2.102525e-03
miob9614	1X	1.96e-04	miod7440	1X	2.149284e-03
seoc4928	1X	2.44e-04	seob2990	1X	2.157379e-03
fcrc4390	1X	2.52e-04	miob8026	1X	2.175933e-03
ncrb6903	1X	2.65e-04	ncr7292	1X	2.18489e-03
mioc0107	1X	2.66e-04	seoa6314	1X	2.307802e-03
			30020314	τΛ.	2.30,0026-03

seob5894	1 🗸	2 212264- 02			5 500000 00
ncrb8189	1X	2.313364e-03	miob9734	1X	5.792326e-03
	1X	2.367011e-03	seoc0369	1X	5.805794e-03
ncrc1003	1X	2.407968e-03	mioa4109	1X	5.817645e-03
mioa8945	1X	2.42255e-03	seoa2300	1X	5.821371e-03
fcrb7829	1X	2.472346e-03	ncrc5375	1X	5.858062e-03
mioa6091	1X	2.513592e-03	fcrc6697	1X	5.891967e-03
mioc5740	1X	2.55859e-03	seob5240	1X	5.949332e-03
fcrc5107	1X	2.595298e-03	fcrc6898	1X	6.102757e-03
miod5703	1X	2.632329e-03	mioa4241	1X	6.102757e-03
fcrb1724	1X	2.708883e-03	mioa4245	1X	6.102757e-03
mioa8778	1X	2.736234e-03	fcrc5355	1X	6.12294e-03
seoc4436	1X	2.749055e-03	seob4117	1X	6.194381e-03
miod2330	1X	2.768542e-03	fcrc4663	1X	6.213654e-03
miob9652	1X	2.773751e-03	seob4067	1X	6.309695e-03
seob9772	1X	2.86764e-03	seob9872	1X	6.406966e-03
seoc4137	1X	2.947972e-03	mioc1088	1X	6.432154e-03
mioc7304	1X	2.982148e-03			
seoc0616	1X	3.08994e-03	mioa4229	1X	6.506475e-03
ncr3262	1X	3.123964e-03	seoc1432	1X	6.543795e-03
ncrc5653			fcrc1654	1X	6.589598e-03
	1X	3.128058e-03	miod5256	1X	6.623723e-03
fcrb5892	1X	3.158737e-03	mioa1276	1X	6.669969e-03
mioc3261	1X	3.213251e-03	mioc7362	1X	6.725393e-03
mioc4534	1X	3.321646e-03	fcr2573	1X	6.784327e-03
seoc1234	1X	3.414658e-03	fcrb5664	1X	6.784327e-03
hfcr4278	1X	3.439806e-03	miob3314	1X	6.784327e-03
seoa8979	1X	3.449583e-03	ncr3642	1X	6.784327e-03
seoc4316	1X	3.511847e-03	seoa2272	1X	6.784327e-03
seob9635	1X	3.531378e-03	seob7409	1X	6.845355e-03
fcr2821	1X	3.593158e-03	miob5770	1X	6.867442e-03
hfcr3500	1X	3.661254e-03	fcrb3466	1X	6.869457e-03
fcr4460	1X	3.716445e-03	seoc2264	1X	6.927055e-03
hfcr4423	1X	3.861046e-03	seob6558	1X	7.08591e-03
miob5098	1X	3.86132e-03	ncrb4039	1X	7.185379e-03
mioa1473	1X	3.958354e-03	fcrb3966	1X	7.202047e-03
mioa1674	1X	3.965367e-03	seoa0393	1X	7.211102e-03
seoc1495	1X	4.012337e-03	ncr7967	1X	7.237351e-03
miob2448	1X	4.055375e-03	ncrb0164	1X	7.331552e-03
miob8694	1X	4.122295e-03	fcrc5458	1X	7.482432e-03
fcrb3219	1X	4.135014e-03	ncr2575	1X	7.600247e-03
seoal615	1X	4.220231e-03	ncrc4295	1X	7.627364e-03
ncrc0644	1X	4.272698e-03	seob1318	1X	7.684111e-03
seoc0551	1X	4.340756e-03	fcrc0651	1X	7.699131e-03
fcrb8973	1X	4.544509e-03	fcrb6676	1X	7.719631e-03
fcrc2710	1X	4.544509e-03	fcrb8536	1X	7.719631e-03
ncr5027	1X	4.544509e-03	mioa8987	1X	
seoa8960	1X	4.572134e-03			7.719631e-03
seoa5746	1X	4.64536e-03	seoa0158	1X	7.719631e-03
fcrb4937		4.846074e-03	seoa5933	1X	7.719631e-03
seocl078	1X		seoa8239	1X	7.719631e-03
	1X	4.922685e-03	seob5395	1X	7.719631e-03
seoc0284	1X	5.076305e-03	miod1718	1X	8.034424e-03
mioc7952	1X	5.107777e-03	mioc3549	1X	8.160964e-03
fcrb6718	1X	5.108963e-03	seoc4260	1X	8.363871e-03
fcrb1657	1X	5.130499e-03	mioa3572	1X	8.372463e-03
ncrc0852	1X	5.205548e-03	seob9820	1X	8.388595e~03
ncrc5947	1X	5.205548e-03	mioa1948	1X	8.415321e-03
seoa3359	1X	5.205548e-03	seoc2191	1X	8.433017e-03
miod4522	1X	5.216795e-03	seoa7295	1X	8.440913e-03
fcrb8187	1X	5.219732e-03	fcrb7118	1X	8.491482e-03
fcr5509	1X	5.329617e-03	mioc2872	1X	8.598424e-03
seob0918	1X	5.361021e-03	fcr1337	1X	8.6173e-03
miob7136	1X	5.450311e-03	ncrc3593	1X	8.6173e-03
miod5198	1X	5.472689e-03	ncr0420	1X	8.718204e-03
ncrb2588	1X	5.579537e-03	seoa2472	1X	8.76281e-03
mioc5179	1X	5.601724e-03	fcrb6693	1X	8.764987e-03
			2020000	43	0.704907603

fcrb7072	1X	8.764987e-03	fcrb6015	1X	0.01
hfcr6256	1X	8.764987e-03	fcrc7047	1X	0.01
miob3898	1X	8.764987e-03	mioa1392	1X	0.01
miob5855	1X	8.764987e-03	ncr5522	1X	0.01
miod0625	1X	8.764987e-03			
			fcrb9520	1X	0.01
ncrc6813	1X	8.764987e-03	fcrc0959	1X	0.01
seoa0511	1X	8.764987e-03	mioc7216	1X	0.01
mioc4843	1X	8.811966e-03	fcrb3841	1X	0.01
mioc6211	1X	8.904696e-03	ncr0107	1X	0.01
seob6256	1X	9.02746e-03	miob9325	1X	0.01
mioc0121	1X	9.163151e-03			0.01
			seoa1036	1X	
fcrb8730	1X	9.169484e-03	mioa5231	1X	0.01
fcrb9858	1X	9.20164e-03	fcrb1909	1X	0.01
seoa4324	1X	9.212171e-03	mioa3084	1X	0.01
miob8947	1X	9.337599e-03	ncr6415	1X	0.01
miob2533	1X	9.353064e-03	mioa1293	1X	0.01
mioa8831	1X	9.438617e-03	mioa6721	1X	0.01
seoc2295	1X	9.611484e-03	miob3696	1X	0.01
miod7081	1X	9.612646e-03			
			mioc2928	1X	0.01
seob0906	1X	9.62924e-03	ncrb3352	1X	0.01
ncrc4448	1X	9.709792e-03	ncrc1331	1X	0.01
fcrc2613	1X	9.72871e-03	ncrc3596	1X	0.01
mioc6997	1X	9.740521e-03	seoa5382	1X	0.01
seoc1628	1X	9.782377e-03	seoa6203	1X	0.01
miob4668	1X	<sup>-</sup> 9.926235e-03	seob8291	1X	0.01
fcrc5139	1X	9.930809e-03	seob0058	1X	0.01
fcrc5468	1X	9.930809e-03	mioc2443	1X	0.01
miob3591	1X	9.930809e-03	seoc0778	1X	0.01
mioc3107	1X	9.930809e-03			
			miob8639	1X	0.01
ncrc1192	1X	9.930809e-03	fcr3599	1X	0.01
seoa6661	1X	9.930809e-03	hfcr2250	1X	0.01
seoc4609	1X	9.930809e-03	ncrc3520	1X	0.01
miob7290	1X	9.963579e-03	mioa3528	1X	0.01
ncr2861	1X	0.01	fcrb1788	1X	0.01
miob9185	1X	0.01	fcrb3782	1X	0.01
seoa2381	1X	0.01	fcrb9856	1X	0.01
fcrb5122	1X	0.01	ncrc3773	1X	0.01
miob8992	1X	0.01	ncrc4728	1X	0.01
ncr8481	1X	0.01	seoa6129	1X	0.01
seob5209	1X	0.01	seob3654	1X	0.01
ncrc5877	1X	0.01			
			miod4998	1X	0.01
ncrc6439	1X	0.01	seob2283	1X	0.01
ncrb3317	1X	0.01	mioa2343	1X	0.01
ncrc6708	1X	0.01	seoc1218	1X	0.01
miob6029	1X	0.01	seoc1236	1X	0.01
seoa1598	1X	0.01	mioc0226	1X	0.01
fcrb8719	1X	0.01	mioc2074	1X	0.01
mioa8925	1X	0.01	fcrc1607	1X	0.01
seob6856	1X	0.01	seoc2681	1X	0.01
miob6373	1X	0.01	seoc0009	1X	
fcrc5086					0.01
	1X	0.01	fcr1347	1X	0.01
seoc1203	1X	0.01	fcrb7661	1X	0.01
seoc0843	1X	0.01	fcrc7046	1X	0.01
fcrc6916	1X	0.01	hfcr1137	1X	0.01
hfcr2314	1X	0.01	miob5699	1X	0.01
mioc2634	1X	0.01	miod0992	1X	0.01
ncr5557	1X	0.01	ncrb7177	1X	0.01
ncrb0220	1X	0.01	ncrc3011	1X	0.01
seoa8822	1X	0.01			
			ncrc4772	1X	0.01
fcr2986	1X	0.01	seob8807	1X	0.01
miod6835	1X	0.01	seob9368	1X	0.01
miod4564	1X	0.01	seoa1736	1X	0.01
ncr8538	1X	0.01	ncrc2600	1X	0.01
miob7531	1X	0.01	mioa8096	1X	0.01

mioc3573	1X	0.01	ncrc6359	1X	0.01
fcrb8910	1X	0.01	seoa4012	1X	0.01
mioc8474	1X	0.01	fcrc1115	1X	0.01
miod5957	1X	0.01	mioc2911	1X	0.01
seob7278	1X	0.01	seoa4181	1X	0.01
fcrb3153	1X	0.01	seoa9482	1X	0.01
seob1191	1X	0.01	seob7250	1X	0.01
miob9820	1X	0.01	miob1115	1X	0.01
fcrb1750	1X	0.01	mioc2451	1X	0.01
ncrc2686	1X	0.01	ncrc2227	1X	0.01
fcrb3870	1X	0.01	seob7047	1X	0.01
miod6068	1X	0.01	ncrb0653	1X	0.01
miod7408	1X	0.01	miod5707	1X	0.01
fcr2299	1X	0.01	ncrc5113	1X	0.01
seob9851	1X	0.01	seob1730	1X	0.01
fcr2054	1X	0.01	seob8261	1X	0.01
fcr4727	1X	0.01	ncr1876	1X	0.01
fcrb7573	1X	0.01	seob2657	1X	0.01
fcrc0522	1X	0.01	seoc0499	1X	0.01
fcrc1402	1X	0.01	miod6090	1X	0.01
mioa3668	1X	0.01	mioc0424	1X	0.01
mioa5452	1X	0.01	miob2841	1X	0.01
miob9348	1X	0.01	ncrc5423	1X	0.01
ncr3148	1X	0.01	seoa9959	1X	0.01
ncr6943	1X	- 0.01	miob8691	1X	0.01
ncrb3980	1X	0.01	seoal318	1X	0.01
ncrc0249	1X	0.01	mioc3648	1X	0.02
seoa8870	1X	0.01	mioc6949	1X	0.02
seoc8283	1X	0.01	ncr9919	1X	0.02
fcrb4248	1X	0.01	seoc0491	1X	0.02
ncr3248	1X	0.01	fcrb6929	1X	0.02
ncrc9412	1X	0.01	fcrb8020	1X	0.02
seoc1264	1X	0.01	fcrb9649	1X	0.02
ncrc3321	1X	0.01	ncr3123	1X	0.02
seob0263	1X	0.01	miob5752	1X	0.02
mioc1379	1X	0.01	miod1195	1X	0.02
mioc4103	1X	0.01	seob8660	1X	0.02
ncrc7131	1X	0.01	fcr2220	1X	0.02
fcrb9843	1X	0.01	fcr5257	1X	0.02
fcrc6642	1X	0.01	fcrb6508	1X	0.02
fcrc2817	1X	0.01	fcrc1986	1X	0.02
ncrc2675	1X	0.01	mioa0497	1X	0.02
miob3594	1X	0.01	mioa1524	1X	0.02
hfcr5009	1X	0.01	mioa3160	1X	0.02
mioc3492	1X	0.01	miod1846	1X	0.02
seob8260	1X	0.01	miod6904	1X	0.02
fcrb4926	1X	0.01	ncr3496	1X	0.02
fcrb6870	1X	0.01	ncr3782	1X	0.02
fcrb8855	1X	0.01	ncr8067	1X	0.02
seoc0651	1X	0.01	ncr8794	1X	0.02
fcrc4722	1X	0.01	ncrc8976	1X	0.02
fcrb6410	1X	0.01	seoa2058	1X	0.02
ncr7668	1X	0.01	seoa3322	1X	0.02
mioa4564	1X	0.01	seoa3737	1X	0.02
fcrb5547	1X	0.01	seob0339	1X	0.02
fcrb8516	1X	0.01	seoa8902	1X	0.02
fcrb8728	1X	0.01	fcrb8570	1X	0.02
fcrc0130	1X	0.01	mioc0940	1X	0.02
hfcr3144	1X	0.01	seoc4720	1X	0.02
mioa0597	1X	0.01	hfcr2955	1X	0.02
mioa8173	1X	0.01	fcrb7693	1X	0.02
ncr4656	1X	0.01	seoa3761	1X	0.02
ncrb0045	1X	0.01	ncr3276	1X	0.02
ncrb0749	1X	0.01	ncrc6407	1X	0.02

fcrb6750	1X	0.02	mioa3467	1X	0.02
mioa5059	1X	0.02	fcrb4727	1X	0.02
seoc1948	1X	0.02	fcrc5604	1X	0.02
ncrc7092	1X	0.02			
			fcr0503	1X	0.02
ncr3233	1X	0.02	fcr2972	1X	0.02
fcr1853	1X	0.02	fcrb1801	1X	0.02
seob1574	1X	0.02	fcrb2199	1X	0.02
mioc7668	1X	0.02	fcrb2510	1X	0.02
ncrc0259	1X	0.02	fcrc5169	1X	0.02
mioc0052	1X	0.02	fcrc6997	1X	0.02
miod5030	1X	0.02	hfcr3149	1X	0.02
		0.02			
seob7369	1X		miob7836	1X	0.02
fcrc1085	1X	0.02	miob9688	1X	0.02
miob3531	1X	0.02	mioc6417	1X	0.02
miod0195	1X	0.02	miod2079	1X	0.02
miod0977	1X	0.02	ncrb2085	1X	0.02
miod7066	1X	0.02	ncrb5909	1X	0.02
ncrc0217	1X	0.02	ncrc5316	1X	0.02
seob2185	1X	0.02	seoa0783	1X	0.02
mioc1416	1X	0.02	seoa3711		
fcrb9686		0.02		1X	0.02
	1X		ncrb0262	1X	0.02
seoc1235	1X	0.02	seob8029	1X	0.02
fcrc0166	1X	0.02	mioc4270	1X	0.02
fcrb1689	1X	0.02	fcrb8765	1X	0.02
seob0047	1X	- 0.02	miod5372	1X	0.02
fcrb2113	1X	0.02	miod5190	1X	0.02
fcrb2350	1X	0.02	seob6417	1X	0.02
fcrb5964	1X	0.02	mioc3040	1X	0.02
hfcr4168	1X	0.02	ncr3701	1X	
hfcr6687	1X	0.02			0.02
			mioa6807	1X	0.02
mioa2851	1X	0.02	mioa4014	1X	0.02
mioa6442	1X	0.02	seob5792	1X	0.02
miob4090	1X	0.02	fcrb4383	1X	0.02
miob8487	1X	0.02	fcrb4817	1X	0.02
miob8817	1X	0.02	fcrc3488	1X	0.02
miod3776	1X	0.02	mioa5085	1X	0.02
ncr3112	1X	0.02	ncrc4757	1X	0.02
ncr5537	1X	0.02	seoa0256	1X	0.02
seoa2824	1X	0.02	seob4560	1X	0.02
seoc0317	1X	0.02			
seoc5002	1X	0.02	seoc5156	1X	0.02
			fcrb2484	1X	0.02
ncrc5230	1X	0.02	fcrc5391	1X	0.02
miod7337	1X	0.02	miob0644	1X	0.02
fcrc2131	1X	0.02	ncr5529	1X	0.02
miob8531	1X	0.02	ncrb8419	1X	0.02
fcr0824	1X	0.02	seob8911	1X	0.02
mioa4810	1X	0.02	ncr3934	1X	0.02
ncrb4248	1X	0.02	ncr3465	1X	0.02
fcrb5287	1X	0.02	fcr2542	1X	0.02
fcrc6228	1X	0.02	ncr6344		
miob6702				1X	0.02
	1X	0.02	miob7443	1X	0.02
seoa3147	1X	0.02	seoc2904	1X	0.02
seob2642	1X	0.02	fcrb7584	1X	0.02
seoc0220	1X	0.02	seob0678	1X	0.02
fcrb3595	1X	0.02	fcrb0044	1X	0.02
miob9274	1X	0.02	fcr3001	1X	0.02
ncr3306	1X	0.02	fcrb2012	1X	0.02
ncrc0864	1X	0.02	fcrb4506	1X	0.02
fcr6264	1X	0.02	fcrb6099	1X	0.02
fcrb1729	1X				
		0.02	fcrb6779	1X	0.02
miob8345	1X	0.02	fcrb9639	1X	0.02
fcrb2254	1X	0.02	fcrc6345	1X	0.02
ncrc3076	1X	0.02	hfcr6573	1X	0.02
mioc1783	1X	0.02	mioa4628	1X	0.02

	1 17	0 00			
mioa6174	1X	0.02	mioc4708	1X	0.03
miob3953	1X	0.02	miod4084	1X	0.03
miob6098	1X	0.02	miod7486	1X	0.03
miob7945	1X	0.02	ncr3380	1X	0.03
mioc4603	1X	0.02	ncr6811		0.03
				1X	
miod5184	1X	0.02	ncr7904	1X	0.03
ncr4612	1X	0.02	ncr8337	1X	0.03
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fcrb5918	1X	0.02	seoa7605	1X	0.03
fcr4128	1X	0.02	miob9559	1X	0.03
ncr3163	1X	0.02	seoa1056	1X	0.03
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seoa2134	1X	0.02	fcrc5699	1X	0.03
seoa9131	1X	0.02	miob8704	1X	0.03
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miob4126	1X	0.02	ncr4219	1X	0.03
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ncrb4319	1X	0.02	ncrc2533	1X	0.03
fcrb5470	1X	0.02	ncrc5919	1X	0.03
fcrb6009	1X	0.02	seoa7897	1X	0.03
ncrc3953	1X	0.02	seob1770	1X	0.03
ncrc6953	1X	0.02			
			seob2797	1X	0.03
seoal501	1X	0.02	miob2067	1X	0.03
mioa9179	1X	0.02	miod7324	1X	0.03
fcr2106	1X	0.02	ncrb8451	1X	0.03
seoa0065	1X	0.03	ncrc1687	1X	0.03
fcrb2457	1X	0.03	seob3182	1X	0.03
fcrb5360	1X	0.03	seob3520	1X	0.03
fcr6748					
	1X	0.03	seoc6169	1X	0.03
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fcrb2596	1X	0.03	fcrc2126	1X	0.03
seoa8486	1X	0.03	fcrb9355	1X	0.03
fcr7171	1X	0.03	ncr2472	1X	0.03
fcrb2189	1X	0.03			
			miod4066	1X	0.03
fcrb2754	1X	0.03	mioc3419	1X	0.03
fcrb3726	1X	0.03	ncr2176	1X	0.03
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fcrb4515	1X	0.03	fcrc6084	1X	0.03
fcrb5037	1X	0.03	ncr8780	1X	0.03
fcrb9184	1X	0.03			
			miod6947	1X	0.03
fcrc0959	1X	0.03	hfcr5611	1X	0.03
fcrc6651	1X	0.03	miob7209	1X	0.03
mioa2620	1X	0.03	ncrc5724	1X	0.03
mioa4548	1X	0.03	fcr0787	1X	0.03
mioa5202	1X	0.03	seoa6111	1X	0.03
mioa5409					
	1X	0.03	fcr4743	1X	0.03
mioa9792	1X	0.03	fcrb4616	1X	0.03
miob4091	1X	0.03	fcrb6011	1X	0.03
miob5873	1X	0.03	fcrc1886	1X	0.03
miob6597	1X	0.03	fcrc4896	1X	0.03
mioc0337	1X	0.03	hfcr3615	1X	0.03
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hfcr5991	1X	0.03		112	0 00
mioa0246	1X	0.03	seob1273	1X	0.03
			seob2689	1X	0.03
mioa2537	1X	0.03	seoc0034	1X	0.03
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miob6401	1X	0.03	ncrc1193	1X	0.03
miob9176	1X	0.03	ncrb1179	1X	0.03
mioc0669	1X	0.03	fcrc6011	1X	0.03
mioc5443	1X	0.03	ncr3869	1X	0.03
miod3254	1X	0.03	fcrb3760	1X	
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seob1513	1X	0.03	seob2259	1X	0.03
seob3076	1X	0.03	seob6000	1X	0.03
seob9543	1X	0.03	fcrb4869	1X	
seoc4955	1X	0.03			0.03
seoa7250	1X	0.03	fcrb6220	1X	0.03
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	1X	0.03	miob3348	1X	0.03
seoc1898	1X	0.03	mioc1125	1X	0.03
fcrb2077	1X	0.03	ncrc1421	1X	0.03
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fcrb3017	1X	0.03	ncr7934	1X	0.03
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miob4822	1X	0.03		1X	0.03
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fcrc5282	1X	0.03	mioc0902	1X	0.04
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			miod1389	1X	0.04
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ncr1692	1X	0.03	ncr4550	1X	0.04
ncrb0624	1X	0.03	ncr7136	1X	0.04
ncrc1361	1X	0.03	ncr8234	1X	0.04
seoa0420	1X	0.03	ncr9502	1X	0.04
seoa1924	1X	0.03	ncrb1186	1X	0.04
seoa6178	1X	0.03	ncrb2517		
seoa6654	1X	0.03		1X	0.04
2000003	111	0.05	ncrb8539	1X	0.04

ncrc1596	1X	0.04	fcrc5835	1X	0.04
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seob9193	1X	0.04	ncrc7005	1X 1X	0.04
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seob6835	1X	0.04	fcrb1580	1X	0.04
mioa3646	1X	0.04	ncrb0364	1X	0.04
seoa2795	1X	0.04	seob5684	1X	0.04
seoc2622	1X	0.04	mioa2319	1X	0.04
hfcr4488	1X	0.04	seob0831	1X	0.04
mioc4219	1X	0.04	ncrb2798	1X	0.04
seob1133	1X	0.04	ncrc6659	1X	0.04
miod5369	1X	0.04	seob5523	1Y	5.44e-07
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ncrc4001	1X 1X	0.04 0.04	ncrc0262	1Y	3.34e-06
ncrc9525	1X	0.04	seoc4484	1Y	3.37e-06
mioc4575	1X	0.04	mioa1585 ncrb2092	1Y	8.5e-06
hfcr4497	1X	0.04	seob8368	1Y 1Y	8.5e-06
mioa3399	1X	0.04	seoc1203	11 1Y	8.5e-06 8.5e-06
mioa6545	1X	0.04	mioa3160	1 Y	8.88e-06
fcrb1562	1X	0.04	seob8911	1Y	8.88e-06
fcrb6928	1X	0.04	miod5349	1Y	9.46e-06
fcrc6631	1X	0.04	ncrb7292	1Y	9.46e-06
miob6518	1X	0.04	miob0986	1Y	1.09e-05
ncrc4079	1X	0.04	fcr2103	1Y	1.38e-05
seoa3287	1X	0.04	fcrb3252	1Y	1.38e-05
seoc1804	1X	0.04	fcrc2090	1Y	1.38e-05
fcrc0148	1X	0.04	miob6562	1Y	1.38e-05
fcr0788	1X	0.04	mioc3430	1Y	1.38e-05
fcrb3474	1X	0.04	mioc6997	1 Y	1.38e-05
fcrb6986	1X	0.04	ncr0025	1 Y	1.38e-05
fcrb7440 fcrb7443	1X 1X	0.04	seoa2970	1Y	1.38e-05
TCTD/443	TV	0.04	seoa9373	1Y	1.38e-05

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seoc1593	1Y	1.38e-05	ncr1387	1Y	2.99713e-04
fcrb8465	1Y	2.03e-05	hfcr2984	1Y	3.16106e-04
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fcr0107	1 Y	2.57e-05	fcrb7830	1 Y	3.26091e-04
fcrb1922	1 Y	2.57e-05	miob8694	1Y	3.26091e-04
miod2665	1 Y	2.61e-05	seoal480	1 Y	3.26091e-04
fcrb7588	1 Y	2.76e-05	seob3189	1 Y	3.26091e-04
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ncrc4597	1 Y	2.76e-05	ncr3163	1 Y	3.28388e-04
seoa4518	1 Y	2.76e-05	mioa3856	1Y	3.33477e-04
seoc2029	1 Y	2.76e-05	ncr0258	1 Y	3.45611e-04
fcrb8504	1Y	3.07e-05	fcr6530	1 Y	3.55737e-04
fcrc3358	1Y	3.07e-05	fcr7403	1Y	
miob9209	1Y	3.07e-05	fcrb2040		3.55737e-04
miob9831	1Y	3.07e-05	fcrb5326	1Y	3.55737e-04
mioc6055	1 Y	3.07e-05		1 Y	3.55737e-04
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	1Y	3.07e-05	ncr0251	1 Y	3.55737e-04
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seob6506	1Y	4.31e-05	miod2556	1 Y	4.17224e-04
seob9960	1Y	4.31e-05	seob0523	1 Y	4.48203e-04
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seob0200	1Y	8.62e-05	miob3725	1 Y	5.09895e-04
miob7099	1Y	1.04084e-04	fcrb2933	1Y	5.21225e-04
fcrb7488	1Y	1.0904e-04	fcrb3476	1Y	5.21225e-04
ncrb4339	1.Y	1.11567e-04	fcrb9420	1Y	5.21225e-04
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seob9346	1Y	1.34696e-04	seoc0619	1Y	5.21223e 04 5.2253e-04
fcr1173	1 Y	1.52868e-04	fcrb3140	1Y	5.6899e-04
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seoc0920	1Y	1.57502e-04	seob1853	1 Y	5.6899e-04
fcr3367	1Y	1.63813e-04	ncrc6994	1 Y	6.36489e-04
ncrc4555	1Y	1.63813e-04	seoa7652	1 Y	6.36489e-04
fcrc5937	1Y	1.72728e-04	fcrb8419		
miob8812	1Y	1.72728e-04	mioc8507	1Y	6.59196e-04 6.59196e-04
ncr5971	1Y	1.72728e-04		1Y	
seoa8636	1Y	1.72728e-04 1.72728e-04	seoa0783	1 Y	6.59196e-04
mioc1117	1Y	2.74004e-04	seob4925	1 Y	6.68896e-04
miob9404		2.74004e-04 2.94903e-04	mioc2891	1 Y	6.8067e-04
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		2.94903e-04	ncrb5972	1 Y	7.11238e-04
fcr2700	1Y	2.97843e-04	fcrc7112	1 Y	7.18906e-04
fcr3861	1Y	2.97843e-04	miod2792	1 Y	7.42567e-04
fcrb3497	1Y	2.97843e-04	seob3158	1 Y	7.46102e-04
fcrb8614	1Y	2.97843e-04	seoc7785	1 Y	7.91035e-04
mioc0121	1Y	2.97843e-04	fcr0253	1 Y	8.82072e-04
mioc3618	1Y	2.97843e-04	seob1660	1 Y	8.82072e-04
seoa6203	1Y	2.97843e-04	seob2283	1 Y	8.82072e-04
seob5748	1Y	2.97843e-04	fcrb4226	1 Y	9.26956e-04
seoc1236	1 Y	2.97843e-04	fcrc3416	1 Y	9.27715e-04

mioa2173	1Y	9.48317e-04	seob5379	1 Z	0.01
ncrc3554	1Y	9.48767e-04	seob1513	1Z	0.01
ncrc1310	1Y	9.51038e-04	hfcr3622	1 z	0.01
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ncrb6903	1Y	1.001243e-03	miob4055	1 Z	0.02
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fcrc7219	1 Y	1.020987e-03	fcrb4696	1Z	0.02
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mioa2073	1Y	1.200074e-03	miob2687	1Z	0.02
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miod1606	1Y	1.393429e-03	fcrb5254	1Z	0.02
seoa8716	1Y	1.393429e-03	mioc3580	1Z	0.02
fcrb3592	1Y	1.430199e-03	mioa7299	1Z	0.02
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miob0644	1 Y	1.545534e-03	ncrc9483	1Z	
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seob2085	1Y	1.615964e-03	mioa1062		0.02
fcrb9588	1Z	9.42678e-04	ncrc4600	1Z	0.03
ncrc9280	1Z	1.36307e-03	seob1316	12	0.03
fcrc6826	1Z	1.61351e-03		1Z	0.03
seoa1559	1Z	1.740315e-03	seob1617 miod0884	1 Z 1 Z	0.03
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	1Z	7.002691e-03	miob4673	1Z	0.03
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seoa2391	1Z	9.669113e-03	fcrb9871	1 Z	0.03
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seob5773	1 Z	0.01	miob3396	1 Z	0.03
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miob3354	1 Z	0.01	miob4975	1 Z	0.04
seob1793	1 Z	0.01	mioa3629	1 Z	0.04
seoc0951	1 Z	0.01	fcr0665	1Z	0.04
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mioc2619	1 Z	0.01	mioa0890	1 Z	0.04
seob7584	1 Z	0.01	ncr3434	1 Z	0.04
ncrb2395	1Z	0.01	hfcr3500	1Z	0.04
fcrb7070	1 Z	0.01	fcrb1992	1 Z	0.04
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ncrc1103	1Z	0.01	fcrb8208	1 Z	0.04
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	1 Z	0.04	mioa2333	2	0.02
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fcrb9588	2	9.42678e-04	ncrc4600	2	0.03
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miob3354	2	0.01	miob4975	2	0.04
seob1793	2	0.01	mioa3629	2	0.04
seoc0951	2	0.01	fcr0665	2	0.04
seob3154	2	0.01	fcrb1382	2	
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seob7584	2	0.01	mioa0890	2	0.04
ncrb2395	2	0.01	ncr3434 hfcr3500	2	0.04
fcrb7070	2	0.01	fcrb1992	2	0.04
seob6413	2				0.04
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	2 2	0.01	fcrb8208	2	0.04
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hfcr3622	2	0.01	fcr0990	2	0.04
fcrc6563	2	0.01	fcrc7240	2	0.04
miob4055	2	0.02	fcr4460	2	0.04
seoa7509	2	0.02	miob3044	2	0.04
seoa6573	2	0.02	fcr4885	2	0.04
fcrb4696	2	0.02	miob0178	2	0.04
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seoc1425	2	0.02	miob1493	2	0.04
mioc0630	2	0.02	seob9750	2	0.04
seob9614	2	0.02	fcrc2431	2	0.04
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fcr7026	4 A	0.01	fcrc0597	4A	0.01
fcrb2637					
TOTDEGGI	4A	0.01	ncrc1861	4 A	0.01

seoa9205	4A	0.01	seoa3514	4 A	0.01
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mioc2019	4 A	0.01	ncr0004	4 A	0.01
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mioc6055	4 A	0.01	seob5684	4 A	0.01
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ncrc6367	4A	0.01	mioc3139	4A	0.02
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		0.01	ncrb6640	4A	0.02
seoa9997	4A	0.01	mioc7863	4A	0.02
seob1103	4 A	0.01	fcrb4727	4A	0.02
fcrc4876	4 A	0.01	ncr6344		
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seob5214	4 A	0.02	seoc5140	4A	0.02
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ncrc1341	4 A	0.02	hfcr1795	4A	0.02
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mioa3439	4A	0.02	fcrb6000	4 A	0.02
miob5467	4 A	0.02	fcr2528	4A	0.02
seoa2300	4 A	0.02	fcr6412	4 A	0.02
mioa6807	4A	0.02			
			fcr6928	4A	0.02
fcrc2807	4A	0.02	fcrb1788	4 A	0.02
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miob3693	4 A	0.02	hfcr0415	4 A	0.02
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seob2011	4A	0.02			
20002011	317	0.02	mioa3203	4A	0.02

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Decr0159	miob1545	4A	0.02	seob8393	4A	0.02
Decr0159	miob2355	4 A	0.02	seoc0416	4 A	0.02
ncr5149         4A         0.02         mcr1615         4A         0.02           ncrD0367         4A         0.02         ncr3112         4A         0.02           ncrb0367         4A         0.02         mcr3112         4A         0.02           ncrc4985         4A         0.02         micc4839         4A         0.02           seoal406         4A         0.02         seoal0302         4A         0.02           seoal495         4A         0.02         seoal104         4A         0.02           seoal9739         4A         0.02         micc2039         4A         0.02           seoal992         4A         0.02         mcr2861         4A         0.02           miob9855         4A         0.02         mcr2861         4A         0.02           fcrb3870         4A         0.02         mcr2899         4A         0.02           miob2478         4A         0.02         mcr2899         4A         0.02           miob3234         4A         0.02         fcrb380         4A         0.02           mioc3332         4A         0.02         mcr326         4A         0.02           fcrb608						
ncr1151 4A 0.02 ncr3112 4A 0.02 ncrb3726 4A 0.02 ncrb7726 4A 0.02 mio4839 4A 0.02 ncrd4935 4A 0.02 seoal661 4A 0.02 seoal661 4A 0.02 seoal739 4A 0.02 seoal806 4A 0.02 seoal806 4A 0.02 seoal806 4A 0.02 seoal9739 4A 0.02 ncr2661 4A 0.02 seoal9739 4A 0.02 ncr2661 4A 0.02 seoal9739 4A 0.02 ncr2861 4A 0.02 ncr2899 4A 0.02 ncr2839 4A 0.02 ncr2839 4A 0.02 ncr2661 4A 0.02 ncr2661 4A 0.02 ncr2661 4A 0.02 ncr2861						
ncrb0367				miob/268	4 A	
ncrb0367         4A         0.02         ncr3112         4A         0.02           ncrb7726         4A         0.02         mice4839         4A         0.02           seoa1661         4A         0.02         seoa0302         4A         0.02           seoa4896         4A         0.02         seoa1104         4A         0.02           seoa9739         4A         0.02         micc2039         4A         0.02           seob9992         4A         0.02         ncr2861         4A         0.02           diob9855         4A         0.02         ncr2861         4A         0.02           fcrb3870         4A         0.02         ncr2869         4A         0.02           miob2478         4A         0.02         ncr2869         4A         0.02           miob3234         4A         0.02         fcrb30971         4A         0.02           mice3332         4A         0.02         fcrb3060         4A         0.02           mice3332         4A         0.02         ncr4946         4A         0.02           mice3332         4A         0.02         ncr3466         4A         0.02           fcrb5202	ncr7151	4 A	0.02	ncrc1615	4A	0.02
Name	ncrb0367	4 A	0.02	ncr3112	4 A	
Necro4985   4A   0.02   Seea0302   4A   0.02   Seea4806   4A   0.02   Seea0302   4A   0.02   Seea4806   4A   0.02   Seea1104   4A   0.02   Seea4806   4A   0.02   Seea1104   4A   0.02   Seea69739   4A   0.02   Seea69731   4A   0.02   Seea6731   4A   0.02   Seea6731   4A   0.02   Seea731   4A   0.02   Seea6731   4A   0.02   Seea731   4A   0.02   Seea7331   4A   0.02   Seea						
seoal661         4A         0.02         seoal302         4A         0.02           seoa6495         4A         0.02         mioc2039         4A         0.02           seoa6495         4A         0.02         mioc2039         4A         0.02           seob0992         4A         0.02         fcr1393         4A         0.02           miob9855         4A         0.02         fcrb2647         4A         0.02           fcrb3870         4A         0.02         ncr2899         4A         0.02           fcrb3187         4A         0.02         mc72899         4A         0.02           miob2478         4A         0.02         mc72899         4A         0.02           miob2334         4A         0.02         seoad012         4A         0.02           mioc8332         4A         0.02         seoad12         4A         0.02           fcrb5202         4A         0.02         ncr4946         4A         0.02           fcrb5202         4A         0.02         ncr4446         4A         0.02           fcrb5203         4A         0.02         ncr3266         4A         0.02           fcrb5503						
seoal406         4A         0.02         seoal104         4A         0.02           seoal7339         4A         0.02         mioc2039         4A         0.02           seoal9739         4A         0.02         fcrl393         4A         0.02           seob0992         4A         0.02         fcrb2647         4A         0.02           fcrb9187         4A         0.02         ncrc8913         4A         0.02           miob2478         4A         0.02         miod9971         4A         0.02           miob22478         4A         0.02         miod9971         4A         0.02           mioc7362         4A         0.02         fcrc0213         4A         0.02           mioc7362         4A         0.02         seoad012         4A         0.02           mioc8332         4A         0.02         ncr4946         4A         0.02           fcrb608         4A         0.02         ncr8326         4A         0.02           fcrb5002         4A         0.02         ncr4113         4A         0.02           fcrb5037         4A         0.02         ncr4113         4A         0.02           fcrb5503 <td>ncrc4985</td> <td>4 A</td> <td>0.02</td> <td>fcrb2090</td> <td>4 A</td> <td>0.02</td>	ncrc4985	4 A	0.02	fcrb2090	4 A	0.02
seoal406         4A         0.02         seoal104         4A         0.02           seoal7339         4A         0.02         mioc2039         4A         0.02           seoal9739         4A         0.02         fcrl393         4A         0.02           seob0992         4A         0.02         fcrb2647         4A         0.02           fcrb9187         4A         0.02         ncrc8913         4A         0.02           miob2478         4A         0.02         miod9971         4A         0.02           miob22478         4A         0.02         miod9971         4A         0.02           mioc7362         4A         0.02         fcrc0213         4A         0.02           mioc7362         4A         0.02         seoad012         4A         0.02           mioc8332         4A         0.02         ncr4946         4A         0.02           fcrb608         4A         0.02         ncr8326         4A         0.02           fcrb5002         4A         0.02         ncr4113         4A         0.02           fcrb5037         4A         0.02         ncr4113         4A         0.02           fcrb5503 <td>seoal661</td> <td>4 A</td> <td>0.02</td> <td>seoa0302</td> <td>4 A</td> <td>0.02</td>	seoal661	4 A	0.02	seoa0302	4 A	0.02
seoa6495         4A         0.02         mioc2039         4A         0.02           seob0992         4A         0.02         ncr2861         4A         0.02           miob9855         4A         0.02         ncr2861         4A         0.02           fcrb3870         4A         0.02         ncr68813         4A         0.02           miob2478         4A         0.02         miod971         4A         0.02           miob2478         4A         0.02         miod971         4A         0.02           miob2334         4A         0.02         seoa4012         4A         0.02           mioc8332         4A         0.02         seoa4012         4A         0.02           mioc8332         4A         0.02         ncr4946         4A         0.02           ncr0838         4A         0.02         ncr4946         4A         0.02           seoc0513         4A         0.02         ncr4346         4A         0.02           seoc0513         4A         0.02         ncr4113         4A         0.02           seoc1513         4A         0.02         ncr4113         4A         0.02           fcrb5503						
seoa9339         4A         0.02         fcr1393         4A         0.02           seob0992         4A         0.02         ncr2861         4A         0.02           fcrb3870         4A         0.02         fcrb2647         4A         0.02           fcrb9187         4A         0.02         ncr2899         4A         0.02           miob3234         4A         0.02         miod0971         4A         0.02           miob3234         4A         0.02         fcrc0213         4A         0.02           mioc7362         4A         0.02         seoa4012         4A         0.02           micr3322         4A         0.02         ncr4946         4A         0.02           fcrb5202         4A         0.02         ncr8326         4A         0.02           fcrb5202         4A         0.02         mc74113         4A         0.02           seob6379         4A         0.02         ncr4113         4A         0.02           fcrb5503         4A         0.02         ncr4113         4A         0.02           fcrb5798         4A         0.02         ncr5149         4A         0.02           fcrb5798						
seob0992         4A         0.02         ncr2861         4A         0.02           miob9855         4A         0.02         fcrb2647         4A         0.02           fcrb3870         4A         0.02         ncr2899         4A         0.02           miob2478         4A         0.02         mod0971         4A         0.02           miob234         4A         0.02         seoad012         4A         0.02           mioc8332         4A         0.02         ncr4946         4A         0.02           fcr0608         4A         0.02         ncr8266         4A         0.02           fcrb5202         4A         0.02         ncr8326         4A         0.02           fcrb5503         4A         0.02         ncr4113         4A         0.02           seoc0513         4A         0.02         ncr4113         4A         0.02           seoc0513         4A         0.02         ncr4113         4A         0.02           seoc1513         4A         0.02         ncr5429         4A         0.02           fcrb5503         4A         0.02         ncr5449         4A         0.02           fcrb5798				mioc2039	4 A	0.02
miob9855         4A         0.02         fcrb3870         4A         0.02           fcrb9187         4A         0.02         ncrc6813         4A         0.02           miob2478         4A         0.02         ncr2899         4A         0.02           miob2334         4A         0.02         fcrc0213         4A         0.02           mioc7362         4A         0.02         seoa4012         4A         0.02           mioc8332         4A         0.02         ncr4946         4A         0.02           fcr0608         4A         0.02         ncr8326         4A         0.02           fcrb5202         4A         0.02         ncr8326         4A         0.02           seob5379         4A         0.02         ncr4113         4A         0.02           seoa429         4A         0.02         ncr4113         4A         0.02           fcrb5503         4A         0.02         ncr2429         4A         0.02           fcrb5798         4A         0.02         ncr5149         4A         0.02           ncre9642         4A         0.02         ncr5149         4A         0.02           fcrb5508	seoa9739	4 A	0.02	fcr1393	4A	0.02
miob9855         4A         0.02         fcrb3870         4A         0.02           fcrb9187         4A         0.02         ncrc6813         4A         0.02           miob2478         4A         0.02         ncr2899         4A         0.02           miob2334         4A         0.02         fcrc0213         4A         0.02           mioc7362         4A         0.02         seoa4012         4A         0.02           mioc8332         4A         0.02         ncr4946         4A         0.02           fcr0608         4A         0.02         ncr8326         4A         0.02           fcrb5202         4A         0.02         ncr8326         4A         0.02           seob5379         4A         0.02         ncr4113         4A         0.02           seoa429         4A         0.02         ncr4113         4A         0.02           fcrb5503         4A         0.02         ncr2429         4A         0.02           fcrb5798         4A         0.02         ncr5149         4A         0.02           ncre9642         4A         0.02         ncr5149         4A         0.02           fcrb5508	seob0992	4 A	0.02	ncr2861	4 A	0.02
fcrb3870						
fcrb9187						
miob2478         4A         0.02         miod3234         4A         0.02           miob3234         4A         0.02         fcrc0213         4A         0.02           mioc7362         4A         0.02         seoa4012         4A         0.02           mcr0833         4A         0.02         ncr0266         4A         0.02           fcr0608         4A         0.02         ncr8326         4A         0.02           fcrb5202         4A         0.02         miod3347         4A         0.02           seob6379         4A         0.02         miod3347         4A         0.02           seoc0513         4A         0.02         ncr4113         4A         0.02           fcrb5503         4A         0.02         ncr4113         4A         0.02           ncrc2080         4A         0.02         ncr5149         4A         0.02           ncrc5642         4A         0.02         ncr5149         4A         0.02           seob2195         4A         0.02         fcrb3599         4A         0.02           fcr0566         4A         0.02         fcrb3639         4A         0.02           fcrb1550				ncrc6813	4A	
miob3234         4A         0.02         fcrc0213         4A         0.02           mioc7362         4A         0.02         seoa4012         4A         0.02           mcr0833         4A         0.02         ncr0266         4A         0.02           fcr0608         4A         0.02         ncr8266         4A         0.02           fcrb5202         4A         0.02         miod3347         4A         0.02           seoc0513         4A         0.02         ncr4113         4A         0.02           seoc0429         4A         0.02         ncr4113         4A         0.02           ncrc2080         4A         0.02         ncr5149         4A         0.02           ncrc2080         4A         0.02         ncr5149         4A         0.02           ncrc9642         4A         0.02         ncr5149         4A         0.02           ncr2564         4A         0.02         ncr5149         4A         0.02           fcrb5798         4A         0.02         ncr5149         4A         0.02           fcrb5799         4A         0.02         ncr5149         4A         0.02           fcrb5393	fcrb9187	4A	0.02	ncr2899	4 A	0.02
miob3234         4A         0.02         fcrc0213         4A         0.02           mioc7362         4A         0.02         seoa4012         4A         0.02           mcr0833         4A         0.02         ncr0266         4A         0.02           fcr0608         4A         0.02         ncr8266         4A         0.02           fcrb5202         4A         0.02         miod3347         4A         0.02           seoc0513         4A         0.02         ncr4113         4A         0.02           seoc0429         4A         0.02         ncr4113         4A         0.02           ncrc2080         4A         0.02         ncr5149         4A         0.02           ncrc2080         4A         0.02         ncr5149         4A         0.02           ncrc9642         4A         0.02         ncr5149         4A         0.02           ncr2564         4A         0.02         ncr5149         4A         0.02           fcrb5798         4A         0.02         ncr5149         4A         0.02           fcrb5799         4A         0.02         ncr5149         4A         0.02           fcrb5393	miob2478	4 A	0.02	miod0971	4 A	0.02
mioc7362         4A         0.02         seoa4012         4A         0.02           micr0332         4A         0.02         ncr4946         4A         0.02           fcr0608         4A         0.02         ncr8266         4A         0.02           fcrb5202         4A         0.02         fcrb3466         4A         0.02           seob6379         4A         0.02         miod3347         4A         0.02           seoa0429         4A         0.02         ncr4113         4A         0.02           seoa0429         4A         0.02         ncr61595         4A         0.02           fcrb5503         4A         0.02         ncr6149         4A         0.02           ncrc2080         4A         0.02         ncr6149         4A         0.02           ncrc9642         4A         0.02         ncr6143         4A         0.02           fcrb566         4A         0.02         fcrb3639         4A         0.02           fcrb357         4A         0.02         mica3335         4A         0.02           fcrb3087         4A         0.02         mica3335         4A         0.02           fcrb3087						
mioc8332         4A         0.02         ncr4946         4A         0.02           ncr0083         4A         0.02         ncr0266         4A         0.02           fcrb5202         4A         0.02         fcrb3466         4A         0.02           seob6379         4A         0.02         ncr4113         4A         0.02           seoc0513         4A         0.02         ncr4113         4A         0.02           seob2199         4A         0.02         ncr4113         4A         0.02           fcrb5503         4A         0.02         ncrc1595         4A         0.02           ncrc2080         4A         0.02         ncrc1595         4A         0.02           ncrc9642         4A         0.02         ncrc1143         4A         0.02           ncrc9642         4A         0.02         ncr6143         4A         0.02           fcr0566         4A         0.02         fcrb6359         4A         0.02           fcr0566         4A         0.02         fcrb359         4A         0.02           fcr0566         4A         0.02         fcrb359         4A         0.02           fcr05769						
ncr0083         4A         0.02         ncr0266         4A         0.02           fcrb5202         4A         0.02         fcrb3266         4A         0.02           seob6379         4A         0.02         miod3347         4A         0.02           seob0429         4A         0.02         ncr4113         4A         0.02           seoa0429         4A         0.02         ncr429         4A         0.02           fcrb5503         4A         0.02         ncrc15149         4A         0.02           fcrb5798         4A         0.02         seoa7543         4A         0.02           ncrc9642         4A         0.02         seoa7543         4A         0.02           fcrb5798         4A         0.02         seoa7543         4A         0.02           fcrb642         4A         0.02         fcrb6359         4A         0.02           fcr0566         4A         0.02         fcrb6359         4A         0.02           fcrb10347         4A         0.02         fcrb9007         4A         0.02           fcb2b150         4A         0.02         fcrb3907         4A         0.02           fcb2b164	mioc/362	4A	0.02	seoa4012	4A	0.02
ncr0083         4A         0.02         ncr0266         4A         0.02           fcrb5202         4A         0.02         fcrb3466         4A         0.02           seob6379         4A         0.02         miod3347         4A         0.02           seob0429         4A         0.02         ncr4113         4A         0.02           seoa0429         4A         0.02         ncr429         4A         0.02           fcrb5503         4A         0.02         ncrc5149         4A         0.02           fcrb5798         4A         0.02         ncrc5149         4A         0.02           ncrc9642         4A         0.02         seoa7543         4A         0.02           fcrb5798         4A         0.02         ncrc1143         4A         0.02           ncr2642         4A         0.02         fcrb6359         4A         0.02           fcr0566         4A         0.02         fcrb6359         4A         0.02           fcr05766         4A         0.02         fcrb9007         4A         0.02           fcrb1550         4A         0.02         fcrb3907         4A         0.02           fcrb1550	mioc8332	4 A	0.02	ncr4946	4A	0.02
fcr0608         4A         0.02         ncr8326         4A         0.02           fcrb5202         4A         0.02         fcrb3466         4A         0.02           seob6379         4A         0.02         miod3347         4A         0.02           seoc0513         4A         0.02         ncr4113         4A         0.02           fcrb5503         4A         0.02         ncrc1595         4A         0.02           ncrc2080         4A         0.02         ncrc5149         4A         0.02           ncrc9642         4A         0.02         seoa7543         4A         0.02           ncrc9642         4A         0.02         fcrb339         4A         0.02           fcr0566         4A         0.02         mioa3335         4A         0.02           fcr0566         4A         0.02         mioa3335         4A         0.02           mioc0347         4A         0.02         mioa3325         4A         0.02           fcrb1550         4A         0.02         fcrb9007         4A         0.02           mioa4326         4A         0.02         seob1972         4A         0.02           fcrb4784	ncr0083	4 A	0.02		4 A	
fcrb5202         4A         0.02         miod3347         4A         0.02           seob6379         4A         0.02         miod3347         4A         0.02           seoa0429         4A         0.02         ncr429         4A         0.02           fcrb5503         4A         0.02         ncrc1595         4A         0.02           ncrc2080         4A         0.02         ncrc5149         4A         0.02           ncrc9642         4A         0.02         ncrc1143         4A         0.02           ncrc9642         4A         0.02         ncrc1143         4A         0.02           fcr0566         4A         0.02         mioa3335         4A         0.02           miod2412         4A         0.02         fcrb6359         4A         0.02           fcrb566         4A         0.02         fcrb6359         4A         0.02           fcr0566         4A         0.02         fcrb6359         4A         0.02           fcrb36034         4A         0.02         fcrb9007         4A         0.02           miod2412         4A         0.02         fcrb9007         4A         0.02           miod33856 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
seob6379         4A         0.02         miod3347         4A         0.02           seoc0513         4A         0.02         ncr4113         4A         0.02           seoa0429         4A         0.02         ncre1595         4A         0.02           fcrb5503         4A         0.02         ncrc1595         4A         0.02           ncrc2080         4A         0.02         ncrc5149         4A         0.02           hfcr5798         4A         0.02         ncrc1143         4A         0.02           seob2195         4A         0.02         ncrc1143         4A         0.02           fcr0566         4A         0.02         mioa335         4A         0.02           mioc347         4A         0.02         mioa335         4A         0.02           miod2412         4A         0.02         mioa125         4A         0.02           fcrb1550         4A         0.02         seob1972         4A         0.02           fcrb4784         4A         0.02         fcrb3806         4A         0.02           fcrb4784         4A         0.02         fcrb47093         4A         0.02           seob1918						
seoc0513         4A         0.02         ncr4113         4A         0.02           seoa0429         4A         0.02         ncr9429         4A         0.02           fcrb5503         4A         0.02         ncrc5149         4A         0.02           ncrc9642         4A         0.02         seoa7543         4A         0.02           seob2195         4A         0.02         fcrb6359         4A         0.02           fcr0566         4A         0.02         mioa3335         4A         0.02           fcr0566         4A         0.02         mioa1125         4A         0.02           fcr0566         4A         0.02         mioa1125         4A         0.02           fcr0566         4A         0.02         mioa1125         4A         0.02           fcr0566         4A         0.02         fcrb9007         4A         0.02           fcr0566         4A         0.02         fcrb9007         4A         0.02           fcr0566         4A         0.02         fcre19007         4A         0.02           fcr01535         4A         0.02         fcre19007         4A         0.02           fcr21649	fcrb5202	4A	0.02	fcrb3466	4A	0.02
seoc0513         4A         0.02         ncr4113         4A         0.02           seoa0429         4A         0.02         ncr9429         4A         0.02           fcrb5503         4A         0.02         ncrc5149         4A         0.02           ncrc9642         4A         0.02         seoa7543         4A         0.02           seob2195         4A         0.02         fcrb6359         4A         0.02           fcr0566         4A         0.02         mioa3335         4A         0.02           mico2347         4A         0.02         mioa3335         4A         0.02           mico42412         4A         0.02         mioa1125         4A         0.02           fcrb1550         4A         0.02         mioa1125         4A         0.02           fcrb1550         4A         0.02         fcrb1907         4A         0.02           fcrb3856         4A         0.02         fcrb3080         4A         0.02           fcrb4784         4A         0.02         fcrb7093         4A         0.02           seot1425         4A         0.02         fcrb4925         4A         0.02           seob0918 </td <td>seob6379</td> <td>4A</td> <td>0.02</td> <td>miod3347</td> <td>4 A</td> <td>0.02</td>	seob6379	4A	0.02	miod3347	4 A	0.02
seoa0429         4A         0.02         ncr9429         4A         0.02           fcrb5503         4A         0.02         ncrc1595         4A         0.02           ncrc2080         4A         0.02         ncrc5149         4A         0.02           ncrc9642         4A         0.02         ncrc1143         4A         0.02           seob2195         4A         0.02         fcrb6359         4A         0.02           fcr0566         4A         0.02         mioa3335         4A         0.02           mioc347         4A         0.02         mioc1125         4A         0.02           miod2412         4A         0.02         mioc1125         4A         0.02           fcrb1550         4A         0.02         seob1972         4A         0.02           mioa4326         4A         0.02         fcrb382         4A         0.02           fcr3856         4A         0.02         fcrb3080         4A         0.02           fcrb4784         4A         0.02         mioc7998         4A         0.02           seob1918         4A         0.02         mioc7998         4A         0.02           miob6702	seoc0513	4 A	- 0.02		4 2	
fcrb5503         4A         0.02         ncrc1595         4A         0.02           ncrc2080         4A         0.02         ncrc5149         4A         0.02           hfcr5798         4A         0.02         seoa7543         4A         0.02           ncrc9642         4A         0.02         ncrc1143         4A         0.02           seob2195         4A         0.02         mica3335         4A         0.02           mico7347         4A         0.02         mico33355         4A         0.02           mico42412         4A         0.02         mico1125         4A         0.02           fcrb1550         4A         0.02         seob1972         4A         0.02           mica4326         4A         0.02         fcrb907         4A         0.02           fcr3856         4A         0.02         fcrb3080         4A         0.02           fcrb4784         4A         0.02         fcrb7093         4A         0.02           seoc1425         4A         0.02         fcrb4793         4A         0.02           seob0918         4A         0.02         fcrb4925         4A         0.02           mico4670						
ncrc2080         4A         0.02         ncrc5149         4A         0.02           hfcr5798         4A         0.02         seoa7543         4A         0.02           ncrc9642         4A         0.02         ncrc1143         4A         0.02           seob2195         4A         0.02         fcrb6359         4A         0.02           fcr0566         4A         0.02         mioa3335         4A         0.02           miod2412         4A         0.02         mioa1125         4A         0.02           fcrb1550         4A         0.02         seob1972         4A         0.02           mioa4326         4A         0.02         fcrc1907         4A         0.02           fcr3856         4A         0.02         fcrb3080         4A         0.02           fcrb4784         4A         0.02         fcrb7093         4A         0.02           secot1425         4A         0.02         mcr1967         4A         0.02           seob9918         4A         0.02         fcrb4925         4A         0.02           seob0846         4A         0.02         seoa1552         4A         0.02           ncrb8747 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
hfcr5798         4A         0.02         seoa7543         4A         0.02           ncrc9642         4A         0.02         ncrc1143         4A         0.02           fcrb6359         4A         0.02         fcrb6359         4A         0.02           fcrb566         4A         0.02         mioa3335         4A         0.02           mioc0347         4A         0.02         fcrb9007         4A         0.02           mioc33856         4A         0.02         seobl972         4A         0.02           mioa4326         4A         0.02         fcrb3080         4A         0.02           fcrb3856         4A         0.02         fcrb3080         4A         0.02           fcrb4784         4A         0.02         fcrb3080         4A         0.02           seoc1425         4A         0.02         fcrb4793         4A         0.02           seob0918         4A         0.02         fcrb4925         4A         0.02           seob0846         4A         0.02         fcrb4925         4A         0.02           miob4864         4A         0.02         miod4066         4A         0.02           miob2743	fcrb5503	4A	0.02	ncrc1595	4 A	0.02
hfcr5798         4A         0.02         seoa7543         4A         0.02           ncrc9642         4A         0.02         ncrc1143         4A         0.02           fcrb5666         4A         0.02         mioa3335         4A         0.02           mioc0347         4A         0.02         mioa1335         4A         0.02           mioc12412         4A         0.02         mioc1125         4A         0.02           fcrb1550         4A         0.02         seob1972         4A         0.02           mioa3856         4A         0.02         fcrc1907         4A         0.02           fcr3856         4A         0.02         fcrb3080         4A         0.02           fcrb4784         4A         0.02         fcrb3080         4A         0.02           seoc1425         4A         0.02         mioc7998         4A         0.02           seob0918         4A         0.02         fcrb4925         4A         0.02           seob0846         4A         0.02         seox1972         4A         0.02           seob0846         4A         0.02         miod4066         4A         0.02           miob4864	ncrc2080	4A	0.02	ncrc5149	4 A	0.02
ncrc9642         4A         0.02         ncrc1143         4A         0.02           seob2195         4A         0.02         fcrb6359         4A         0.02           mioc0347         4A         0.02         mioa3335         4A         0.02           miod2412         4A         0.02         mioc1125         4A         0.02           fcrb1550         4A         0.02         seob1972         4A         0.02           mioa4326         4A         0.02         fcrb9007         4A         0.02           mioa4326         4A         0.02         fcrb9007         4A         0.02           fcrb4784         4A         0.02         fcrb3080         4A         0.02           fcrb4784         4A         0.02         fcrb7093         4A         0.02           secol425         4A         0.02         fcrb47925         4A         0.02           secob918         4A         0.02         fcrb4925         4A         0.02           seob0816         4A         0.02         fcrb4925         4A         0.02           seob0702         4A         0.02         miod4066         4A         0.02           ncrb874		4 A	0.02	se0a7543		0.02
seob2195         4A         0.02         fcrb6359         4A         0.02           fcr0566         4A         0.02         mioa3335         4A         0.02           mioc0347         4A         0.02         fcrb9007         4A         0.02           miod2412         4A         0.02         mioc1125         4A         0.02           fcrb1550         4A         0.02         seob1972         4A         0.02           mioa3856         4A         0.02         fcrc1907         4A         0.02           fcr3856         4A         0.02         fcrb3080         4A         0.02           fcrb4784         4A         0.02         fcrb7093         4A         0.02           secl125         4A         0.02         mioc7998         4A         0.02           secl125         4A         0.02         fcrb4925         4A         0.02           miob6702         4A         0.02         fcrb4925         4A         0.02           miob6702         4A         0.02         miod4066         4A         0.02           ncrb8747         4A         0.02         miod4066         4A         0.02           miob2743 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
fcr0566         4A         0.02         mioa3335         4A         0.02           mioc0347         4A         0.02         fcrb9007         4A         0.02           miod2412         4A         0.02         mioc1125         4A         0.02           fcrb1550         4A         0.02         seob1972         4A         0.02           mioa3856         4A         0.02         fcrb1907         4A         0.02           fcr3856         4A         0.02         fcrb3080         4A         0.02           fcrb4784         4A         0.02         fcrb7093         4A         0.02           seocl425         4A         0.02         mioc7998         4A         0.02           ncrc5113         4A         0.02         ncr1967         4A         0.02           seob1918         4A         0.02         fcrb4925         4A         0.02           miob6702         4A         0.02         seo8175         4A         0.02           ncrb8747         4A         0.02         miod4066         4A         0.02           ncrb8747         4A         0.02         mioc49466         4A         0.02           fcrb1691 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
mioc0347         4A         0.02         fcrb9007         4A         0.02           miod2412         4A         0.02         mioc1125         4A         0.02           fcrb1550         4A         0.02         seob1972         4A         0.02           mioa3856         4A         0.02         fcrc1907         4A         0.02           mioa4326         4A         0.02         fcrb3080         4A         0.02           fcrb4784         4A         0.02         fcrb7093         4A         0.02           seoc1425         4A         0.02         mioc7998         4A         0.02           ncrc5113         4A         0.02         fcrb4925         4A         0.02           seob0918         4A         0.02         fcrb4925         4A         0.02           seob1702         4A         0.02         seoc8175         4A         0.02           seob8747         4A         0.02         miod4066         4A         0.02           miob4864         4A         0.02         miod4066         4A         0.02           fcrb1691         4A         0.02         mioc6949         4A         0.02           miod3341				fcrb6359	4 A	0.02
miod2412         4A         0.02         mioc1125         4A         0.02           fcrb1550         4A         0.02         seob1972         4A         0.02           mioa3856         4A         0.02         fcrc1907         4A         0.02           fcr3856         4A         0.02         fcrb3080         4A         0.02           fcrb4784         4A         0.02         fcrb7093         4A         0.02           seoc1425         4A         0.02         mioc7998         4A         0.02           ncrc5113         4A         0.02         ncr1967         4A         0.02           seob0918         4A         0.02         fcrb4925         4A         0.02           miob6702         4A         0.02         seoc8175         4A         0.02           seob0846         4A         0.02         miod4066         4A         0.02           miob4864         4A         0.02         miod7364         4A         0.02           fcrb1691         4A         0.02         mioc6949         4A         0.02           miod2743         4A         0.02         miod4449         4A         0.02           miod3341 </td <td>fcr0566</td> <td>4A</td> <td>0.02</td> <td>mioa3335</td> <td>4 A</td> <td>0.02</td>	fcr0566	4A	0.02	mioa3335	4 A	0.02
miod2412         4A         0.02         mioc1125         4A         0.02           fcrb1550         4A         0.02         seob1972         4A         0.02           mioa3856         4A         0.02         fcrc1907         4A         0.02           fcr3856         4A         0.02         fcrb3080         4A         0.02           fcrb4784         4A         0.02         fcrb7093         4A         0.02           seoc1425         4A         0.02         mioc7998         4A         0.02           ncrc5113         4A         0.02         ncr1967         4A         0.02           seob0918         4A         0.02         fcrb4925         4A         0.02           miob6702         4A         0.02         seoc8175         4A         0.02           seob0846         4A         0.02         miod4066         4A         0.02           miob4864         4A         0.02         miod7364         4A         0.02           fcrb1691         4A         0.02         mioc6949         4A         0.02           miod2743         4A         0.02         miod4449         4A         0.02           miod3341 </td <td>mioc0347</td> <td>4 A</td> <td>0.02</td> <td>fcrb9007</td> <td>4 A</td> <td>0.02</td>	mioc0347	4 A	0.02	fcrb9007	4 A	0.02
fcrb1550         4A         0.02         seob1972         4A         0.02           mioa3856         4A         0.02         fcrc1907         4A         0.02           mioa4326         4A         0.02         fcrb3080         4A         0.02           fcrb4784         4A         0.02         fcrb7093         4A         0.02           seoc1425         4A         0.02         mioc7998         4A         0.02           ncrc5113         4A         0.02         ncr1967         4A         0.02           seob0918         4A         0.02         fcrb4925         4A         0.02           miob6702         4A         0.02         seoc8175         4A         0.02           seob0846         4A         0.02         miod4066         4A         0.02           miob4864         4A         0.02         miod4066         4A         0.02           miob2772         4A         0.02         miod6949         4A         0.02           miob2743         4A         0.02         miod6949         4A         0.02           mioa6545         4A         0.02         miod4449         4A         0.02           seob0303<						
mioa3856         4A         0.02         fcrc1907         4A         0.02           mioa4326         4A         0.02         ncr7382         4A         0.02           fcrb4784         4A         0.02         fcrb3080         4A         0.02           seoc1425         4A         0.02         mioc7998         4A         0.02           ncrc5113         4A         0.02         ncr1967         4A         0.02           seob0918         4A         0.02         fcrb4925         4A         0.02           miob6702         4A         0.02         seoc8175         4A         0.02           seob0846         4A         0.02         miod4066         4A         0.02           miob4747         4A         0.02         miod4066         4A         0.02           miob4864         4A         0.02         mioc7364         4A         0.02           fcrb1691         4A         0.02         mioc6949         4A         0.02           miod3341         4A         0.02         fcrb8222         4A         0.02           miod3341         4A         0.02         fcrb8222         4A         0.02           seob0303 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
mioa4326         4A         0.02         ncr7382         4A         0.02           fcr3856         4A         0.02         fcrb3080         4A         0.02           fcrb4784         4A         0.02         fcrb7093         4A         0.02           seoc1425         4A         0.02         mioc7998         4A         0.02           seob0918         4A         0.02         fcrb4925         4A         0.02           miob6702         4A         0.02         seoc8175         4A         0.02           seob0846         4A         0.02         miod4066         4A         0.02           ncrb8747         4A         0.02         miod4066         4A         0.02           miob4864         4A         0.02         mioc7364         4A         0.02           fcrb1691         4A         0.02         seoal552         4A         0.02           miod3341         4A         0.02         fcrb8222         4A         0.02           miod4545         4A         0.02         miod4449         4A         0.02           seob0303         4A         0.02         miod4449         4A         0.02           seob7999 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
fcr3856         4A         0.02         fcrb3080         4A         0.02           fcrb4784         4A         0.02         fcrb7093         4A         0.02           seoc1425         4A         0.02         mioc7998         4A         0.02           ncrc5113         4A         0.02         ncr1967         4A         0.02           seob0918         4A         0.02         fcrb4925         4A         0.02           miob6702         4A         0.02         seoc8175         4A         0.02           seob0846         4A         0.02         miod4066         4A         0.02           ncrb8747         4A         0.02         miod4066         4A         0.02           miob4864         4A         0.02         mioc7364         4A         0.02           fcrb1691         4A         0.02         seoa1552         4A         0.02           fcrb1691         4A         0.02         seob5767         4A         0.02           miod3341         4A         0.02         fcrb8222         4A         0.02           miod4645         4A         0.02         miod4449         4A         0.02           seob0303 </td <td>mioa3856</td> <td>4A</td> <td>0.02</td> <td>fcrc1907</td> <td>4A</td> <td>0.02</td>	mioa3856	4A	0.02	fcrc1907	4A	0.02
fcr3856         4A         0.02         fcrb3080         4A         0.02           fcrb4784         4A         0.02         fcrb7093         4A         0.02           seoc1425         4A         0.02         mioc7998         4A         0.02           ncrc5113         4A         0.02         ncr1967         4A         0.02           seob0918         4A         0.02         fcrb4925         4A         0.02           miob6702         4A         0.02         seoc8175         4A         0.02           seob0846         4A         0.02         miod4066         4A         0.02           ncrb8747         4A         0.02         miod4066         4A         0.02           miob4864         4A         0.02         mioc7364         4A         0.02           fcrb1691         4A         0.02         seoa1552         4A         0.02           fcrb1691         4A         0.02         seob5767         4A         0.02           miod3341         4A         0.02         fcrb8222         4A         0.02           miod4645         4A         0.02         miod4449         4A         0.02           seob0303 </td <td>mioa4326</td> <td>4A</td> <td>0.02</td> <td>ncr7382</td> <td>4A</td> <td>0.02</td>	mioa4326	4A	0.02	ncr7382	4A	0.02
fcrb4784         4A         0.02         fcrb7093         4A         0.02           seoc1425         4A         0.02         mioc7998         4A         0.02           ncrc5113         4A         0.02         ncr1967         4A         0.02           seob0918         4A         0.02         fcrb4925         4A         0.02           miob6702         4A         0.02         seos8175         4A         0.02           seob0846         4A         0.02         miod4066         4A         0.02           ncrb8747         4A         0.02         miod4066         4A         0.02           miob4864         4A         0.02         mioc7364         4A         0.02           ncrc5072         4A         0.02         seoa1552         4A         0.02           fcrb1691         4A         0.02         mioc6949         4A         0.02           miod3341         4A         0.02         fcrb8222         4A         0.02           mioa6545         4A         0.02         miod4449         4A         0.02           seob0303         4A         0.02         ncrb8649         4A         0.02           ncrb2909<	fcr3856	4 A				
seoc1425         4A         0.02         mioc7998         4A         0.02           ncrc5113         4A         0.02         ncr1967         4A         0.02           seob0918         4A         0.02         fcrb4925         4A         0.02           miob6702         4A         0.02         seoc8175         4A         0.02           seob0846         4A         0.02         miod4066         4A         0.02           ncrb8747         4A         0.02         miod4066         4A         0.02           miob4864         4A         0.02         mioc7364         4A         0.02           ncrc5072         4A         0.02         seoal552         4A         0.02           fcrb1691         4A         0.02         mioc6949         4A         0.02           miob2743         4A         0.02         seob5767         4A         0.02           mioa6545         4A         0.02         miod4449         4A         0.02           seob30303         4A         0.02         ncrb8649         4A         0.02           seoa5731         4A         0.02         fcr1098         4A         0.02           miob9285<						
ncrc5113         4A         0.02         ncr1967         4A         0.02           seob0918         4A         0.02         fcrb4925         4A         0.02           miob6702         4A         0.02         seoc8175         4A         0.02           seob0846         4A         0.02         hfcr2544         4A         0.02           ncrb8747         4A         0.02         miod4066         4A         0.02           miob4864         4A         0.02         miod7364         4A         0.02           ncrc5072         4A         0.02         seoa1552         4A         0.02           fcrb1691         4A         0.02         mioc6949         4A         0.02           miob2743         4A         0.02         seob5767         4A         0.02           miod3341         4A         0.02         fcrb8222         4A         0.02           mioa6545         4A         0.02         miod4449         4A         0.02           seob30303         4A         0.02         ncrb8649         4A         0.02           miob9285         4A         0.02         mioc4636         4A         0.02           ncr2994<						
seob0918         4A         0.02         fcrb4925         4A         0.02           miob6702         4A         0.02         seoc8175         4A         0.02           seob0846         4A         0.02         hfcr2544         4A         0.02           ncrb8747         4A         0.02         miod4066         4A         0.02           miob4864         4A         0.02         mioc7364         4A         0.02           ncrc5072         4A         0.02         seoa1552         4A         0.02           fcrb1691         4A         0.02         mioc6949         4A         0.02           miob2743         4A         0.02         seob5767         4A         0.02           miod3341         4A         0.02         fcrb8222         4A         0.02           mioa6545         4A         0.02         miod4449         4A         0.02           seob0303         4A         0.02         ncrb8649         4A         0.02           seoa5731         4A         0.02         fcr1098         4A         0.02           miob9285         4A         0.02         mioc4636         4A         0.02           fcrc7338<	seoc1425	4A	0.02	mioc7998	4 A	0.02
seob0918       4A       0.02       fcrb4925       4A       0.02         miob6702       4A       0.02       seoc8175       4A       0.02         seob0846       4A       0.02       hfcr2544       4A       0.02         ncrb8747       4A       0.02       miod4066       4A       0.02         miob4864       4A       0.02       mioc7364       4A       0.02         ncrc5072       4A       0.02       seoa1552       4A       0.02         fcrb1691       4A       0.02       mioc6949       4A       0.02         miob2743       4A       0.02       seob5767       4A       0.02         miod3341       4A       0.02       fcrb8222       4A       0.02         mioa6545       4A       0.02       miod4449       4A       0.02         seob0303       4A       0.02       ncrb8649       4A       0.02         seoa5731       4A       0.02       ncrb8649       4A       0.02         miob9285       4A       0.02       mioc4636       4A       0.02         ncr2994       4A       0.02       mioc6983       4A       0.02         fcrr7338	ncrc5113	4A	0.02	ncr1967	4A	0.02
miob6702         4A         0.02         seoc8175         4A         0.02           seob0846         4A         0.02         hfcr2544         4A         0.02           ncrb8747         4A         0.02         miod4066         4A         0.02           miob4864         4A         0.02         mioc7364         4A         0.02           fcrb1691         4A         0.02         mioc6949         4A         0.02           miob2743         4A         0.02         seob5767         4A         0.02           miod3341         4A         0.02         fcrb8222         4A         0.02           mioa6545         4A         0.02         miod4449         4A         0.02           seob30303         4A         0.02         ncrb8649         4A         0.02           seoa5731         4A         0.02         ncrb4649         4A         0.02           miob9285         4A         0.02         fcr1098         4A         0.02           miob9285         4A         0.02         mioc4636         4A         0.02           fcrc7338         4A         0.02         fcr5141         4A         0.02           fcrb7588<	seob0918	4 A	0.02	fcrh4925	4 A	0 02
seob0846         4A         0.02         hfcr2544         4A         0.02           mcrb8747         4A         0.02         miod4066         4A         0.02           miob4864         4A         0.02         mioc7364         4A         0.02           ncrc5072         4A         0.02         seoa1552         4A         0.02           fcrb1691         4A         0.02         mioc6949         4A         0.02           miob2743         4A         0.02         seob5767         4A         0.02           miod3341         4A         0.02         fcrb8222         4A         0.02           mioa6545         4A         0.02         miod4449         4A         0.02           seob0303         4A         0.02         ncrb8649         4A         0.02           seoa5731         4A         0.02         ncrc5417         4A         0.02           miob9285         4A         0.02         mioc4636         4A         0.02           ncr2994         4A         0.02         mioc6983         4A         0.02           seoa3544         4A         0.02         fcr5141         4A         0.02           fcrb7588 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
ncrb8747         4A         0.02         miod4066         4A         0.02           miob4864         4A         0.02         mioc7364         4A         0.02           ncrc5072         4A         0.02         seoa1552         4A         0.02           fcrb1691         4A         0.02         mioc6949         4A         0.02           miob2743         4A         0.02         seob5767         4A         0.02           miod3341         4A         0.02         fcrb8222         4A         0.02           mioa6545         4A         0.02         miod4449         4A         0.02           seob0303         4A         0.02         ncrb8649         4A         0.02           seoa5731         4A         0.02         ncrc5417         4A         0.02           miob9285         4A         0.02         mioc4636         4A         0.02           ncr2994         4A         0.02         mioc6983         4A         0.02           seoa3544         4A         0.02         fcrc6010         4A         0.02           fcrb7588         4A         0.02         fcrb2196         4A         0.02           fcrb7588<						
miob4864         4A         0.02         mioc7364         4A         0.02           ncrc5072         4A         0.02         seoa1552         4A         0.02           fcrb1691         4A         0.02         mioc6949         4A         0.02           miob2743         4A         0.02         seob5767         4A         0.02           miod3341         4A         0.02         fcrb8222         4A         0.02           mioa6545         4A         0.02         miod4449         4A         0.02           seob0303         4A         0.02         ncrb8649         4A         0.02           seoa5731         4A         0.02         ncrc5417         4A         0.02           ncrb2909         4A         0.02         fcr1098         4A         0.02           miob9285         4A         0.02         mioc4636         4A         0.02           ncr2994         4A         0.02         fcrc6010         4A         0.02           fcrc7338         4A         0.02         fcrb2196         4A         0.02           fcrb7588         4A         0.02         fcrc4948         4A         0.02           mioc4696 </td <td>seob0846</td> <td></td> <td></td> <td>hfcr2544</td> <td>4A</td> <td>0.02</td>	seob0846			hfcr2544	4A	0.02
miob4864         4A         0.02         mioc7364         4A         0.02           ncrc5072         4A         0.02         seoa1552         4A         0.02           fcrb1691         4A         0.02         mioc6949         4A         0.02           miob2743         4A         0.02         seob5767         4A         0.02           miod3341         4A         0.02         fcrb8222         4A         0.02           mioa6545         4A         0.02         miod4449         4A         0.02           seob0303         4A         0.02         ncrb8649         4A         0.02           seoa5731         4A         0.02         ncrc5417         4A         0.02           ncrb2909         4A         0.02         fcr1098         4A         0.02           miob9285         4A         0.02         mioc4636         4A         0.02           ncr2994         4A         0.02         fcrc6010         4A         0.02           fcrc7338         4A         0.02         fcrb141         4A         0.02           fcrb7588         4A         0.02         fcrc4948         4A         0.02           mioc4696 <td>ncrb8747</td> <td>4A</td> <td>0.02</td> <td>miod4066</td> <td>4 A</td> <td>0.02</td>	ncrb8747	4A	0.02	miod4066	4 A	0.02
ncrc5072         4A         0.02         seoa1552         4A         0.02           fcrb1691         4A         0.02         mioc6949         4A         0.02           miob2743         4A         0.02         seob5767         4A         0.02           miod3341         4A         0.02         fcrb8222         4A         0.02           mioa6545         4A         0.02         miod4449         4A         0.02           seob0303         4A         0.02         ncrb8649         4A         0.02           seoa5731         4A         0.02         ncrc5417         4A         0.02           miob9285         4A         0.02         fcr1098         4A         0.02           mioc4636         4A         0.02         mioc6983         4A         0.02           seoa3544         4A         0.02         fcr5141         4A         0.02           fcrc7338         4A         0.02         fcrb2196         4A         0.02           fcrb7588         4A         0.02         fcrc4948         4A         0.02           miob5647         4A         0.02         mioa1337         4A         0.02           mioc4696 </td <td>miob4864</td> <td>4 A</td> <td>0.02</td> <td>mioc7364</td> <td>4 A</td> <td></td>	miob4864	4 A	0.02	mioc7364	4 A	
fcrb1691         4A         0.02         mioc6949         4A         0.02           miob2743         4A         0.02         seob5767         4A         0.02           miod3341         4A         0.02         fcrb8222         4A         0.02           mioa6545         4A         0.02         miod4449         4A         0.02           seob0303         4A         0.02         ncrb8649         4A         0.02           seoa5731         4A         0.02         fcrl098         4A         0.02           miob9285         4A         0.02         mioc4636         4A         0.02           ncr2994         4A         0.02         mioc6983         4A         0.02           seoa3544         4A         0.02         fcrc6010         4A         0.02           fcrc7338         4A         0.02         fcrb2196         4A         0.02           fcrb7588         4A         0.02         fcrc4948         4A         0.02           miob5647         4A         0.02         mioa1337         4A         0.02           mioc4696         4A         0.02         mioa3629         4A         0.02           mioc0238 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
miob2743       4A       0.02       seob5767       4A       0.02         miod3341       4A       0.02       fcrb8222       4A       0.02         mioa6545       4A       0.02       miod4449       4A       0.02         seob0303       4A       0.02       ncrb8649       4A       0.02         seoa5731       4A       0.02       ncrc5417       4A       0.02         ncrb2909       4A       0.02       fcr1098       4A       0.02         miob9285       4A       0.02       mioc4636       4A       0.02         ncr2994       4A       0.02       mioc6983       4A       0.02         seoa3544       4A       0.02       fcrc6010       4A       0.02         fcrc7338       4A       0.02       fcrb2196       4A       0.02         fcrb7588       4A       0.02       fcrc4948       4A       0.02         miob5647       4A       0.02       mioa1337       4A       0.02         mioc4696       4A       0.02       mioa3629       4A       0.02         mioc0238       4A       0.02       mioa4427       4A       0.02						
miod3341       4A       0.02       fcrb8222       4A       0.02         mioa6545       4A       0.02       miod4449       4A       0.02         seob0303       4A       0.02       ncrb8649       4A       0.02         seoa5731       4A       0.02       ncrc5417       4A       0.02         ncrb2909       4A       0.02       fcrl098       4A       0.02         miob9285       4A       0.02       mioc4636       4A       0.02         ncr2994       4A       0.02       mioc6983       4A       0.02         seoa3544       4A       0.02       fcrc6010       4A       0.02         fcrc7338       4A       0.02       fcrb2196       4A       0.02         seob7039       4A       0.02       fcrb2196       4A       0.02         miob5647       4A       0.02       mioa1337       4A       0.02         mioc4696       4A       0.02       mioa3629       4A       0.02         mioc0238       4A       0.02       mioa4427       4A       0.02						
mioa6545       4A       0.02       miod4449       4A       0.02         seob0303       4A       0.02       ncrb8649       4A       0.02         seoa5731       4A       0.02       ncrc5417       4A       0.02         ncrb2909       4A       0.02       fcr1098       4A       0.02         miob9285       4A       0.02       mioc4636       4A       0.02         ncr2994       4A       0.02       mioc6983       4A       0.02         seoa3544       4A       0.02       fcrc6010       4A       0.02         fcrc7338       4A       0.02       fcr5141       4A       0.02         seob7039       4A       0.02       fcrb2196       4A       0.02         fcrb7588       4A       0.02       mioa1337       4A       0.02         miob5647       4A       0.02       mioa3629       4A       0.02         mioc24696       4A       0.02       mioa4427       4A       0.02         mioc0238       4A       0.02       mioa4427       4A       0.02	miob2743	4A	0.02	seob5767	4 A	0.02
mioa6545       4A       0.02       miod4449       4A       0.02         seob0303       4A       0.02       ncrb8649       4A       0.02         seoa5731       4A       0.02       ncrc5417       4A       0.02         ncrb2909       4A       0.02       fcr1098       4A       0.02         miob9285       4A       0.02       mioc4636       4A       0.02         ncr2994       4A       0.02       mioc6983       4A       0.02         seoa3544       4A       0.02       fcrc6010       4A       0.02         fcrc7338       4A       0.02       fcr5141       4A       0.02         seob7039       4A       0.02       fcrb2196       4A       0.02         fcrb7588       4A       0.02       mioa1337       4A       0.02         miob5647       4A       0.02       mioa3629       4A       0.02         mioc24696       4A       0.02       mioa4427       4A       0.02         mioc0238       4A       0.02       mioa4427       4A       0.02	miod3341	4A	0.02	fcrb8222	4 A	0.02
seob0303       4A       0.02       ncrb8649       4A       0.02         seoa5731       4A       0.02       ncrc5417       4A       0.02         ncrb2909       4A       0.02       fcrl098       4A       0.02         miob9285       4A       0.02       mioc4636       4A       0.02         ncr2994       4A       0.02       mioc6983       4A       0.02         seoa3544       4A       0.02       fcrc6010       4A       0.02         fcrc7338       4A       0.02       fcr5141       4A       0.02         seob7039       4A       0.02       fcrb2196       4A       0.02         fcrb7588       4A       0.02       fcrc4948       4A       0.02         miob5647       4A       0.02       mioa1337       4A       0.02         mioc4696       4A       0.02       mioa3629       4A       0.02         mioc0238       4A       0.02       mioa4427       4A       0.02						
seoa5731       4A       0.02       ncrc5417       4A       0.02         ncrb2909       4A       0.02       fcr1098       4A       0.02         miob9285       4A       0.02       mioc4636       4A       0.02         ncr2994       4A       0.02       mioc6983       4A       0.02         seoa3544       4A       0.02       fcrc6010       4A       0.02         fcrc7338       4A       0.02       fcr5141       4A       0.02         seob7039       4A       0.02       fcrb2196       4A       0.02         fcrb7588       4A       0.02       fcrc4948       4A       0.02         miob5647       4A       0.02       mioa1337       4A       0.02         mioc4696       4A       0.02       mioa3629       4A       0.02         mioc0238       4A       0.02       mioa4427       4A       0.02						
ncrb2909       4A       0.02       fcr1098       4A       0.02         miob9285       4A       0.02       mioc4636       4A       0.02         ncr2994       4A       0.02       mioc6983       4A       0.02         seoa3544       4A       0.02       fcrc6010       4A       0.02         fcrc7338       4A       0.02       fcr5141       4A       0.02         seob7039       4A       0.02       fcrb2196       4A       0.02         fcrb7588       4A       0.02       fcrc4948       4A       0.02         miob5647       4A       0.02       mioa1337       4A       0.02         mioc4696       4A       0.02       mioa3629       4A       0.02         mioc0238       4A       0.02       mioa4427       4A       0.02						
ncrb2909       4A       0.02       fcr1098       4A       0.02         miob9285       4A       0.02       mioc4636       4A       0.02         ncr2994       4A       0.02       mioc6983       4A       0.02         seoa3544       4A       0.02       fcrc6010       4A       0.02         fcrc7338       4A       0.02       fcr5141       4A       0.02         seob7039       4A       0.02       fcrb2196       4A       0.02         fcrb7588       4A       0.02       fcrc4948       4A       0.02         miob5647       4A       0.02       mioa1337       4A       0.02         mioc4696       4A       0.02       mioa3629       4A       0.02         mioc0238       4A       0.02       mioa4427       4A       0.02		4 A	0.02	ncrc5417	4A	0.02
miob9285       4A       0.02       mioc4636       4A       0.02         ncr2994       4A       0.02       mioc6983       4A       0.02         seoa3544       4A       0.02       fcrc6010       4A       0.02         fcrc7338       4A       0.02       fcr5141       4A       0.02         seob7039       4A       0.02       fcrb2196       4A       0.02         fcrb7588       4A       0.02       fcrc4948       4A       0.02         miob5647       4A       0.02       mioa1337       4A       0.02         mioc4696       4A       0.02       mioa3629       4A       0.02         mioc0238       4A       0.02       mioa4427       4A       0.02	ncrb2909	4A	0.02	fcr1098	4A	
ncr2994       4A       0.02       mioc6983       4A       0.02         seoa3544       4A       0.02       fcrc6010       4A       0.02         fcrc7338       4A       0.02       fcr5141       4A       0.02         seob7039       4A       0.02       fcrb2196       4A       0.02         fcrb7588       4A       0.02       fcrc4948       4A       0.02         miob5647       4A       0.02       mioa1337       4A       0.02         mioc4696       4A       0.02       mioa3629       4A       0.02         mioc0238       4A       0.02       mioa4427       4A       0.02						
seoa3544       4A       0.02       fcrc6010       4A       0.02         fcrc7338       4A       0.02       fcr5141       4A       0.02         seob7039       4A       0.02       fcrb2196       4A       0.02         fcrb7588       4A       0.02       fcrc4948       4A       0.02         miob5647       4A       0.02       mioa1337       4A       0.02         mioc4696       4A       0.02       mioa3629       4A       0.02         mioc0238       4A       0.02       mioa4427       4A       0.02						
fcrc7338       4A       0.02       fcr5141       4A       0.02         seob7039       4A       0.02       fcrb2196       4A       0.02         fcrb7588       4A       0.02       fcrc4948       4A       0.02         miob5647       4A       0.02       mioa1337       4A       0.02         mioc4696       4A       0.02       mioa3629       4A       0.02         mioc0238       4A       0.02       mioa4427       4A       0.02						
seob7039       4A       0.02       fcrb2196       4A       0.02         fcrb7588       4A       0.02       fcrc4948       4A       0.02         miob5647       4A       0.02       mioa1337       4A       0.02         mioc4696       4A       0.02       mioa3629       4A       0.02         mioc0238       4A       0.02       mioa4427       4A       0.02	seoa3544	4 A	0.02	fcrc6010	4 A	
seob7039       4A       0.02       fcrb2196       4A       0.02         fcrb7588       4A       0.02       fcrc4948       4A       0.02         miob5647       4A       0.02       mioa1337       4A       0.02         mioc4696       4A       0.02       mioa3629       4A       0.02         mioc0238       4A       0.02       mioa4427       4A       0.02	fcrc7338	4A	0.02	fcr5141	4 A	0.02
fcrb7588       4A       0.02       fcrc4948       4A       0.02         miob5647       4A       0.02       mioa1337       4A       0.02         mioc4696       4A       0.02       mioa3629       4A       0.02         mioc0238       4A       0.02       mioa4427       4A       0.02						
miob5647       4A       0.02       mioa1337       4A       0.02         mioc4696       4A       0.02       mioa3629       4A       0.02         mioc0238       4A       0.02       mioa4427       4A       0.02						
mioc4696       4A       0.02       mioa3629       4A       0.02         mioc0238       4A       0.02       mioa4427       4A       0.02						
mioc0238 4A 0.02 mioa4427 4A 0.02	miob5647	4A		mioa1337	4A	0.02
mioc0238 4A 0.02 mioa4427 4A 0.02	mioc4696	4 A	0.02	mioa3629	4 A	0.02
TCLD5510 4A 0.02 mlod0845 4A 0.02						
	10103310	4 A	0.02	m10QU845	4 A	0.02

ncrc2098	4A	0.02	fcr2442	470	0 00
				4A	0.02
fcr0843	4 A	0.02	fcrb1990	4 A	0.02
mioa2290	4A	0.02	fcrb7871	4 A	0.02
seoa5994	4 A	0.02	fcrb8196	4A	0.02
mioc5307	4 A	0.02	fcrc2678	4 A	0.02
seoc1406	4A	0.02	miob8096	4A	0.02
seob4140	4A	0.02			
			mioc3220	4 A	0.02
fcrb3584	4 A	0.02	miod6919	4A	0.02
seob7903	4 A	0.02	seoa0174	4 A	0.02
seoc2135	4 A	0.02	seoa8997	4 A	0.02
seob3918	4 A	0.02	seoc0809	4 A	0.02
fcrb7495	4A	0.02	mioc5736		
				4 A	0.02
fcr0703	4A	0.02	seoc4909	4A	0.02
fcrb2559	4A	0.02	ncrc1111	4 A	0.02
ncrc5296	4 A	0.02	fcrb3181	4 A	0.02
mioc1910	4 A	0.02	mioa4476	4A	0.02
miob9848	4A	0.02	ncrb5254	4A	0.02
seob6584	4A	0.02	fcrb6818		
				4A	0.02
fcrb3702	4A	0.02	ncrc9947	4A	0.02
fcrb4270	4A	0.02	ncr1428	4 A	0.02
ncr1791	4A	0.02	fcrb4345	4A	0.02
fcr0761	4A	0.02	hfcr2275	4 A	0.02
fcrb1059	4A	0.02	seoa7587	4 A	0.02
fcrb1312	4A	0.02	fcrb8014		
		- 0.02		4A	0.02
hfcr0470	4A		ncr1186	4 A	0.02
hfcr4645	4A	0.02	miod4752	4 A	0.02
hfcr5243	4 A	0.02	ncrb6936	4 A	0.02
mioa4057	4A	0.02	ncrc5312	4 A	0.02
miob2645	4A	0.02	fcr0796	4 A	0.02
ncr3465	4A	0.02	ncr1631	4A	0.02
ncrb4351	4A	0.02			
			ncr2472	4A	0.02
ncrb8460	4A	0.02	fcrb6463	4A	0.02
ncrb8538	4 A	0.02	seoa1776	4A	0.02
ncrc5019	4A	0.02	fcr5181	4 A	0.02
seoa1513	4 A	0.02	miob4975	4A	0.02
seoa3229	4A	0.02	mioc4504	4A	0.02
seoa3400	4A	0.02	ncrb6846	4A	0.02
seoa8227	4A	0.02			
			seoa2765	4A	0.02
seoa8564	4A	0.02	seob0678	4A	0.02
seob0182	4A	0.02	seob5144	4 A	0.02
seob5711	4 A	0.02	fcrb6442	4 A	0.02
seob6683	4 A	0.02	mioa4229	4 A	0.02
ncrb8559	4A	0.02	fcrb4226	4A	0.02
miob1059	4A	0.02	fcr5204	4A	0.02
seob6096	4A	0.02	fcrc2014		
				4A	0.02
miod7243	4A	0.02	mioa2158	4 A	0.02
mioc8206	4 A	0.02	hfcr9461	4 A	0.02
ncr2862	4A	0.02	fcr2684	4 A	0.02
ncrb2395	4A	0.02	hfcr0582	4 A	0.02
fcrb4802	4A	0.02	seoc2741	4A	0.02
mioa3673	4A	0.02	hfcr7576	4A	0.02
seoa4601	4A	0.02	miob2709		
				4 A	0.02
mioa4077	4A	0.02	ncrc1608	4 A	0.02
ncr6343	4A	0.02	fcrb6028	4 A	0.02
mioc1928	4A	0.02	mioa5586	4 A	0.02
ncrc3953	4A	0.02	mioc3045	4A	0.02
mioa7556	4A	0.02	seoa0536	4A	0.02
ncrc6592	4A	0.02	fcrc6234	4A	
seoal540	4A				0.02
		0.02	mioa8074	4 A	0.02
seoa5586	4A	0.02	ncr0210	4 A	0.02
mioc0164	4 A	0.02	miob9734	4 A	0.02
mioa8679	4A	0.02	seob8972	4 A	0.02
mioa9007	4A	0.02	ncrc0115	4 A	0.02
miob3044	4A	0.02	ncr3827	4 A	0.02
			1101 302 /	317	0.02

ncrc7040	4 A	0.02	ncrc0843	4 A	0.03
seoa6033	4 A	0.02	ncrc9944	4A	0.03
seoa0794	4 A	0.02	seoa0783	4A	0.03
seoa4056	4A	0.02	seoa2899	4 A	0.03
miob3496	4A	0.02	seoa3335	4 A	0.03
seob2950	4 A	0.02	seoa3910	4A	0.03
seoc4187	4A	0.02	seoa6697	4A	0.03
ncr8606	4A	0.02			
			seoa9931	4A	0.03
ncrc7049	4A	0.02	seob0394	4 A	0.03
fcr0111	4 A	0.02	seob1007	4A	0.03
fcrc3676	4 A	0.02	fcr2743	4A	0.03
fcrc7047	4 A	0.02	mioc3746	4A	0.03
mioc4319	4A	0.02			
			fcr6266	4A	0.03
ncrb3001	4A	0.02	fcrb3342	4A	0.03
seoa3038	4 A	0.02	mioa1213	4A	0.03
mioa8594	4 A	0.02	miod3160	4A	0.03
miob6615	4A	0.02	seob2303	4A	0.03
mioc6296	4A	0.02	mioa0152	4A	0.03
ncr7876	4A	0.02			
			mioa1303	4A	0.03
seoa8638	4A	0.02	mioa5231	4A	0.03
seob3493	4 A	0.02	ncrb5192	4A	0.03
ncrc1885	4 A	0.02	fcrb7533	4A	0.03
ncrc9280	4 A	0.02	mioc4730	4A	0.03
seoa1253	4A	0.02	seoc3269	4A	0.03
fcr4471	4A	-0.02			
			hfcr9644	4A	0.03
mioc4888	4A	0.03	fcrb5343	4A	0.03
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fcr5006	4A	0.04	ncrc9440	4A	0.04
fcrc2808	4 A	0.04	seoa7340	4A	0.04
miob4346	4 A	0.04	seoc0951	4A	0.04
seoa2768	4 A	0.04	seob7274	4 A	0.04
fcrc1298	4A	0.04	hfcr4349	4A	0.04
fcrb3309	4A	0.04	miob8345	4A	0.04
miob2960	4A	0.04	fcrb6464	4A	0.04
miob6459	4A	0.04	ncr2995	4A	0.04
mioc8917	4 A	0.04	seob6386	4 A	0.04
ncr5192	4A	0.04	ncrc6996	4 A	0.04
ncr5781	4A	0.04	seob9970	4A	0.04
mioc8278	4A	0.04	ncrb7166	4A	0.04
mioa0075	4A	0.04	seoc7020	4A	0.04
ncrc3321 ncrb0090	4A 4A	0.04	ncrc6459	4A	0.04
fcrb2059	4A	$0.04 \\ 0.04$	mioc1135 hfcr3931	4 A	0.04
fcrb2350	4A	0.04	fcrc2346	4A 4A	0.04 0.04
fcrb3629	4A	0.04	hfcr2930	4A	0.04
fcrb5114	4A	0.04	miob3595	4A	0.04
seoc1307	4A	0.04	seoc8115	4A	0.04
fcr5498	4A	0.04	fcr4272	4A	0.04
fcrc5126	4A	0.04	fcrb3894	4 A	0.04
fcr3772	4A	0.04	fcrc6461	4A	0.04
fcrb4365	4A	0.04	miob8627	4 A	0.04
ncr2288	4A	0.04	seoa2244	4A	0.04
ncr2576	4A	0.04	miod6162	4 A	0.04
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seoa3634	4A	0.04	fcrb2722	4 A	0.04
fcrb4543	4A	0.04	fcrb6897	4 A	0.04
mioa8773 seoa7899	4A	0.04	mioa6739	4A	0.04
fcrb2502	4A 4A	$0.04 \\ 0.04$	miod3106	4A	0.04
seoa0186	4A	0.04	ncrc9469	4A	0.04
mioc0226	4A	0.04	seoa1419	4 A 4 A	0.04 0.04
mioc7352	4A	0.04	seob7569	4A	
hfcr5905	4A	0.04	seoc5156 miod7440	4A 4C	0.04 2.44e-07
seoa9131	4A	0.04	fcr3053	4C 4C	3.37e-07
ncr3297	4A	0.04	seoc2029	4C	6.23e-07
hfcr5244	4A	0.04	fcr3181	4C	7.1e-07
miod0080	4A	0.04	ncr3163	4C	2.24e-06
seob3163	4A	0.04	mioc7170	4C	2.53e-06
mioa5511	4A	0.04	mioa2072	4C	3.26e-06
mioa7169	4A	0.04	seob4303	4C	3.35e-06
fcrb5198	4A	0.04	seob5523	4C	4.23e-06

seob4419	4C	4.27e-06	seob0154	4C	1.23e-04
fcrc3993	4 C	4.37e-06	fcrb1960	4C	1.25e-04
seoa4461	4C	5.29e-06	seoa0231	4C	1.25e-04
seoa6032	4C	5.48e-06	seob6576	4C	1.27e-04
miod5349	4C	6.31e-06			
			mioa5059	4C	1.29e-04
mioc3430	4 C	7.49e-06	seob6189	4C	1.32e-04
seoa8894	4C	1.1e-05	miod7414	4C	1.36e-04
mioa9473	4C	1.36e-05	seoal427	4C	1.38e-04
fcrb3227	4C	1.45e-05	miob6881	4C	1.44e-04
fcrb4534	4 C	1.46e-05	fcr0253	4C	1.45e-04
seob2697	4 C	1.66e-05	seoa2585	4C	1.47e-04
seoc0775	4 C	1.67e-05	ncr0223	4C	1.5e-04
ncr3751	4 C	1.95e-05	seob3313	4C	1.51e-04
seoa4518	4 C	2.47e-05	seoa4717	4C	1.52e-04
seoa6133	4 C	2.48e-05	seob6851	4C	1.55e-04
miob6562	4 C	2.52e-05	miob8812	4C	1.56e-04
seob0085	4 C	3.04e-05	fcrb3461	4C	1.6e-04
seoa8566	4 C	3.22e-05	mioa4009	4C	1.63e-04
seoa8754	4 C	3.62e-05	ncrc6171	4C	1.66e-04
mioa2788	4C	4.4e-05	seoc1023	4C	1.66e-04
mioa3367	4C	4.43e-05	seoa0959	4C	1.68e-04
ncrc5243	4C	4.53e-05	seob4029	4C	1.69e-04
ncr7668	4C	4.63e-05			
fcrb3578	4C	4.7e-05	mioa4014	4C	1.73e-04
seob3326	4C	4.7e-05 4.9e-05	fcrb2704	4C	1.74e-04
fcr2952			seob3189	4C	1.76e-04
	4 C	5.1e-05	miob3953	4C	1.77e-04
miob6419	4C	5.13e-05	miod5651	4C	1.77e-04
miod5123	4C	5.49e-05	seoa2970	4 C	1.77e-04
mioa9179	4C	5.61e-05	seob5748	4C	1.79e-04
seob4333	4 C	5.73e-05	ncr7904	4C	1.8e-04
seob6853	4C	5.74e-05	ncr8588	4C	1.82e-04
ncrc0729	4 C	5.77e-05	hfcr2390	4 C	1.83e-04
seoa8916	4C	5.83e-05	seob1231	4 C	1.85e-04
seob3518	4 C	5.95e-05	miod5505	4C	1.89e-04
mioa3963	4 C	6.04e-05	fcrb3654	4C	1.91e-04
seoa9373	4C	6.5 <b>4e-</b> 05	seob6751	4C	2.02e-04
mioa4636	4 C	6.55e-05	mioa6130	4C	2.04e-04
cr0471 4C	6	.77e-05	seoc2264	4 C	2.1e-04
miob6430	4 C	7.39e-05	fcr7587	4 C	2.15e-04
seoa1940	4C	7.43e-05	fcrb2554	4C	2.2e-04
mioa3913	4 C	7.5e-05	ncr0212	4C	2.21e-04
fcrb1892	4 C	7.58e-05	ncr3197	4C	2.22e-04
seoa9042	4 C	7.7e-05	fcr2607	4C	2.23e-04
seoa0032	4C	8.0e-05	hfcr3256	4C	2.23e-04
mioa2319	4C	8.18e-05	fcr4846	4C	2.28e-04
seob5240	4C	8.29e-05	fcrc1381	4C	2.28e-04
ncrc9899	4C	8.35e-05	miob0167	4C	2.32e-04
fcr5075	4C	8.62e-05	mioa0311	4C	2.32e 04 2.33e-04
ncrb2092	4C	8.8e-05	seoc1175	4C	2.33e-04 2.33e-04
hfcr8902	4C	8.84e-05	mioc4022	4C	
seoa9482	4C	9.27e-05	mioa8970		2.34e-04
seob6004	4C	9.64e-05	seob0065	4C	2.35e-04
fcrb7339	4C	9.87e-05		4C	2.35e-04
fcrb8516			seob1911	4C	2.39e-04
	4 C	9.9e-05	mioa3939	4C	2.4e-04
hfcr3043	4 C	1.0e-04	ncr0045	4C	2.44e-04
ncrc5434	4C	1.0e-04	seoc0999	4C	2.44e-04
fcr4477	4C	1.01e-04	fcrc0554	4C	2.48e-04
fcrc3739	4C	1.03e-04	seoc1203	4C	2.49e-04
fcrb6939	4C	1.04e-04	fcrc0075	4C	2.58e-04
hfcr5919	4C	1.04e-04	fcr6235	4C	2.6e-04
mioa3923	4C	1.12e-04	seoc4960	4C	2.65e-04
seob4427	4C	1.16e-04	miob6223	4C	2.67e-04
ncrb4441	4 C	1.22e-04	seob4191	4C	2.69e-04
hfcr1137	4C	1.23e-04	mioc2726	4C	2.7e-04
				-	

miob8694	4C	2.87e-04	fcr4831	4C	5.97e-04
ncr0258	4C	2.89e-04	mioa0595	4C	6.04e-04
ncr4126	4C	2.91e-04	seob9145	4C	
mioc6260	4C	2.92e-04	mioa1662		6.11e-04
fcrb6012	4C	3.0e-04		4C	6.2e-04
seoa4053			fcrc3750	4C	6.22e-04
	4C	3.03e-04	seoal102	4C	6.3e-04
seob6467	4C	3.03e-04	miod4759	4C	6.36e-04
fcrc0112	4C	3.06e-04	mioc7686	4C	6.41e-04
ncr0153	4C	3.07e-04	ncrb2266	4C	6.45e-04
ncr1631	4C	3.07e-04	seob6835	4C	6.58e-04
seoa4366	4 C	3.08e-04	mioa2537	4C	6.62e-04
seoc6169	4 C	3.11e-04	seoa3717	4 C	6.62e-04
mioa1585	4C	3.13e-04	fcrc3009	4C	6.69e-04
hfcr3011	4C	3.15e-04	mioc8410	4C	6.98e-04
seoa5662	4 C	3.21e-04	mioa6418	4C	7.09e-04
seoa0486	4C	3.23e-04	mioc0950	4C	7.19e-04
seoa2949	4C	3.29e-04	miod1925	4C	7.23e-04
fcrc0487	4C	3.31e-04	ncrc9910	4C	7.24e-04
ncr3837	4C	3.33e-04	seoa0221	4C	7.25e-04
mioa7317	4C	3.37e-04	mioc5532	4C	7.27e-04 7.27e-04
hfcr1863	4C	3.39e-04	mioc4089	4C	7.46e-04
fcr2573	4C	3.43e-04	mioc7764		
seob5743	4C	3.48e-04		4C	7.57e-04
mioa5695	4C	3.5e-04	seoa4681	4C	7.58e-04
fcrb6968	4C	3.5e-04 3.6e-04	seob6131	4C	7.61e-04
seob7584	4C ·		seob3303	4C	7.67e-04
			mioa4552	4C	7.78e-04
ncrc0342	4 C	3.76e-04	ncr8843	4C	7.83e-04
ncrc5417	4C	3.79e-04	seoa9537	4C	7.83e-04
seob3854	4 C	3.91e-04	seob9574	4C	7.88e-04
seob6279	4 C	3.96e-04	seob0308	4C	7.98e-04
fcrb8504	4C	3.99e-04	mioa1193	4C	8.04e-04
seob3367	4C	4.04e-04	seob1318	4C	8.04e-04
fcrb7830	4 C	4.09e-04	hfcr6687	4C	8.17e-04
seob3182	4 C	4.09e-04	fcrb1496	4C	8.19e-04
hfcr4489	4 C	4.15e-04	miob8320	4 C	8.21e-04
fcrb4428	4 C	4.19e-04	seob0376	4C	8.21e-04
ncr0898	4C	4.21e-04	seoa8979	4C	8.23e-04
mioc8057	4C	4.39e-04	seoa9357	4C	8.24e-04
miob1231	4C	4.43e-04	ncrb0782	4C	8.27e-04
mioc2911	4C	4.49e-04	seob3923	4C	8.31e-04
fcr5559	4C	4.69e-04	ncr2293	4C	8.33e-04
seoa6497	4C	4.69e-04	seob0755	4 C	8.35e-04
seoa6598	4C	4.73e-04	hfcr0478	4C	8.43e-04
fcr1463	4 C	4.77e-04	ncr0733	4 C	8.46e-04
fcr2103	4C	4.84e-04	hfcr5220	4 C	8.48e-04
seob3191	4 C	4.89e-04	ncrc5844	4C	8.48e-04
seob1319	4C	4.91e-04	mioa5355	4C	8.58e-04
miod6845	4C	4.99e-04	ncr8041	4C	8.61e-04
ncrc5663	4 C	5.0e-04	fcr0824	4C	8.62e-04
seob6844	4C	5.04e-04	seob2994	4C	
mioa9510	4C	5.12e-04			8.67e-04
ncrc4597	4C	5.12e 04 5.18e-04	seob3119	4 C	8.73e-04
fcr3664	4C	5.26e-04	fcrb8668	4C	8.75e-04
seob4669		5.33e-04	seob6206	4C	8.88e-04
	4C	•	mioa6731	4C	8.9e-04
seob9282	4C	5.33e-04	fcrb2556	4C	8.98e-04
ncr7813	4C	5.48e-04	ncr5568	4C	9.0e-04
seoa7530	4C	5.56e-04	mioc4667	4C	9.01e-04
seob0248	4C	5.56e-04	mioa5696	4C	9.03e-04
seoa0288	4 C	5.7e-04	hfcr1163	4C	9.1e-04
mioa6064	4C	5.71e-04	miob7156	4C	9.1e-04
seoc6703	4C	5.75e-04	ncr0808	4C	9.12e-04
miob9907	4C	5.82e-04	hfcr3019	4C	9.19e-04
ncrc8903	4C	5.88e-04	fcrc3048	4C	9.26e-04
seob2148	4 C	5.88e-04	fcrb9454	4C	9.3e-04

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seoa6315	4C	9.33e-04	miod1195	4 C	1.431152e-03
fcrb9655	4C	9.37e-04	fcrb2484	4C	1.447281e-03
ncrc0715	4C	9.39e-04	mioc6987	4C	1.45158e-03
seoa8348	4C	9.56e-04	fcr1879	4C	1.452287e-03
fcrb9420	4C	9.64e-04	mioa6721	4C	1.457877e-03
seob6272	4C	9.74e-04	seob6486	4C	1.458125e-03
fcr2798	4 C	9.78e-04	seoa3516	4C	1.46015e-03
seoc1996	4C	9.81e-04	ncr0025	4C	1.469905e-03
hfcr6486	4C	9.83e-04	hfcr1310	4C	1.478083e-03
ncrc9280	4C	1.0e-03	fcr3101	4C	1.487316e-03
seoa5090	4C	1.007122e-03	fcrb9959	4C	1.48762e-03
mioa2173	4 C	1.00875e-03	fcrb5214	4C	1.490057e-03
ncrb5595	4C	1.013841e-03	ncrb4182	4C	1.50404e-03
fcrb2933	4C	1.016356e-03	ncrb3702	4C	1.511682e-03
fcr7043	4C	1.016688e-03	ncr7595	4C	1.511845e-03
miod1236	4C	1.028284e-03	mioa0577	4C	1.518616e-03
seob6446	4C	1.030592e-03	ncr8975	4C	1.524283e-03
seob2936	4C	1.039004e-03	seob4579	4C	1.524205e 03 1.527065e-03
ncrb8693	4C	1.046851e-03	fcr4128	4C	1.53383e-03
mioa9154	4C	1.070876e-03	ncrc5162	4C	1.553082e-03
seoa6658	4C	1.070876e-03	ncr5168	4C	1.55656e-03
ncrb2288	4C	1.076406e-03	ncrb3001	4C	1.557302e-03
fcrc7388	4C	1.081745e-03			
fcrb9588	4C	1.081745e-03 1.089146e-03	fcrb8187	4C	1.573331e-03
miob8572			ncrb4039	4C	1.584396e-03
	4C	1.097548e-03	miod1811	4C	1.590472e-03
seob8204	4C	1.099016e-03	seoa9740	4C	1.598061e-03
miob3982	4 C	1.105438e-03	mioa3080	4C	1.603678e-03
ncrc0174	4 C	1.123083e-03	hfcr3500	4C	1.610297e-03
miod5310	4C	1.129688e-03	mioa8852	4C	1.618546e-03
hfcr5604	4 C	1.140826e-03	mioa0494	4C	1.619093e-03
seoa7443	4C	1.140826e-03	seoa0111	4C	1.622252e-03
fcrb1855	4 C	1.142061e-03	ncr3782	4 C	1.63287e-03
ncr3713	4C	1.150048e-03	ncrc5569	4C	1.637974e-03
fcrb9269	4 C	1.150659e-03	mioc6075	4 C	1.640004e-03
mioa3395	4C	1.154329e-03	seoa1118	4 C	1.653668e-03
seob8368	4C	1.154981e-03	mioa4076	4C	1.665908e-03
seob0122	4C	1.171391e-03	seoa4305	4C	1.678116e-03
mioa0535	4C	1.173792e-03	fcrc6826	4C	1.682437e-03
miob1062	4C	1.177608e-03	mioa1015	4C	1.68644e-03
seob1793	4C	1.177608e-03	seob2185	4C	1.70771e-03
seoc1593	4 C	1.178329e-03	fcrc2090	4C	1.719751e-03
miob9336	4C	1.178419e-03	seoa9870	4C	1.728369e-03
ncrc0090	4 C	1.185916e-03	seob1414	4C	1.747109e-03
seob1862	4 C	1.201035e-03	seoa9828	4C	1.753504e-03
seoa3105	4 C	1.211669e-03	fcrb3165	4 C	1.760242e-03
seob3670	4 C	1.23222e-03	seoa1598	4 C	1.770719e-03
hfcr6406	4 C	1.239885e-03	fcrc2099	4 C	1.790284e-03
miob4867	4 C	1.256093e-03	seob1766	4C	1.794891e-03
ncrc1140	4 C	1.256093e-03	hfcr1743	4 C	1.798381e-03
fcr5720	4 C	1.2614e-03	seob1908	4 C	1.798381e-03
miod6238	4 C	1.278208e-03	seob4545	4 C	1.798381e-03
mioc7331	4C	1.301405e-03	fcrc5516	4C	1.799844e-03
ncrc6005	4C	1.305117e-03	hfcr5228	4C	1.800664e-03
miod1942	4C	1.305311e-03	mioa5692	4C	1.800664e-03
mioa0909	4C	1.312146e-03	seob4555	4C	1.800664e-03
seob1879	4C	1.347303e-03	fcrb1420	4C	1.801622e-03
miob6904	4 C	1.355302e-03	fcr3595	4C	1.803204e-03
mioc2880	4 C	1.356947e-03	ncr2666	4C	1.803204e-03
seob6368	4C	1.361315e-03	ncr2905	4C	1.815247e-03
ncr2472	4C	1.365497e-03	fcrb8940	4C	1.834572e-03
ncrb8385	4C	1.369106e-03	miob5495	4C	1.838333e-03
fcr1756	4C	1.392986e-03	ncr3368	4C	1.838333e-03
fcr2088	4C	1.408465e-03	fcrb1807	4C	1.859263e-03
miob3348	4C	1.428182e-03			
	30	1.4501056-03	ncrc5054	4C	1.860924e-03

seob6525	4C	1.861275e-03	seoa5577	4C	2.367648e-03
seoc0924	4C	1.861444e-03	seoa5235	4C	2.369839e-03
seoa8399	4C	1.88316e-03	ncrb8273	4C	2.393454e-03
fcrb8161	4 C	1.885852e-03	fcrb3134	4C	2.402582e-03
mioa1520	4 C	1.887743e-03	mioa9294	4C	2.412283e-03
fcrb8740	4C	1.892065e-03	hfcr1697	4C	2.435634e-03
seob2810	4C	1.901388e-03	ncrc5369	4C	2.435634e-03
fcr5758	4 C	1.909224e-03	seob5219	4C	2.439695e-03
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hfcr5695	. 4C	1.956159e-03	seoal173	4C	2.502414e-03
seoc4380	4C	1.956915e-03	seoa3670	4C	2.543649e-03
fcrb2871	4C	1.964974e-03	miob0189	4C	2.57178e-03
miod0592	4C	1.985622e-03	miob2705	4C	2.574869e-03
ncrc0150	4C	1.985831e-03	seoa8232	4C	2.578028e-03
fcrb2060	4C	1.99746e-03	fcr5123	4C	2.597097e-03
hfcr0415	4C	1.99746e-03	mioa6854	4C	2.602922e-03
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ncrb6192	4C	8.312148e-03	ncrc0846	4C	9.679567e-03
seoc2824	4C	8.3183e-03			
			seob3064	4C	9.679567e-03
seoa0070	4C	8.335344e-03	seob5778	4C	9.689819e-03
seoa1736	4C	8.342294e-03	fcrb5537	4C	9.69729e-03
miob9848	4C	8.369066e-03	hfcr1419	4C	9.717051e-03
seoall04	4C	8.378822e-03	mioa6035	4C	9.789009e-03
ncr0634	4C	8.421583e-03	seoa0003		
seoa5465	4C	8.437929e-03		4C	9.794242e-03
			seoc4416	4C	9.841173e-03
seob8065	4C	8.459463e-03	seob6492	4C	9.84478e-03

mioa8998	4 C	9.861386e-03	fcrb8162	4C	0.01
ncrb1802	4C	9.861386e-03	fcrb3702	4 C	0.01
seob8817	4C	9.894482e-03	seoa4017	4C	
fcrb1578	4C	9.906745e-03			0.01
			seob5441	4C	0.01
fcr2164	4C	9.970513e-03	mioa9792	4C	0.01
seoa4452	4C	9.989774e-03	mioa2536	4C	0.01
miob8214	4C	0.01	seoc3876	4C	0.01
miod2837	4 C	0.01	hfcr5237	4C	0.01
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	4C	0.01	fcr3823	4C	0.01
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mioa1285	4C	0.01	seoc2226	4C	0.01
seoa2162	4C	0.01	seob8693	4C	0.01
seob1383	4C	0.01	mioa4064		
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fcr1337	4 C	0.01	mioc3206	4C	0.01
ncrc3624	4 C	0.01	seoa7478	4C	0.01
fcr2167	4C	0.01	ncrc8841	4C	0.01
mioa3812	4 C	0.01	fcrc6990	4 C	0.01
miob4037	4C	0.01	seob5927	4C	0.01
seoa9814	4 C	0.01	mioa1626	4C	0.01
seob1008	4C	0.01	seoa7295		
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	4C	0.01	fcrc1689	4C	0.01
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fcrb6834	4C	0.01	mioa8864	4C	0.01
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mioa2421					
	4C	0.01	mioa3646	40	0.01
ncr1235 ncrc9517	4C 4C	0.01	hfcr2314	4C 4C	0.01 0.01

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seoa9724	4C	0.01	seob2081	4C	0.01
ncrc1176	4C	0.01	fcr7042	4C	0.01
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mioc1440	4C	0.01	seob0831		0.02
ncrc3358	4 C	0.01	ncrc9483	3 4C	0.02
ncrc2273	4C	0.01	seob5645	5 4C	0.02
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seob3533	4C	0.02			
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fcrb1550	4C	0.02	fcrb2308		0.02
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miob4712	4C	0.02	fcrc4896	4C	0.02
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		- 0.02			
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miob5646	4C	0.02	ncrc2018	4C	0.02
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hfcr1115	4C	0.02	fcrb6436	4C	0.02
seob3464	4C	0.02	ncr3118	4C	
					0.02
ncrc9117	4C	0.02	seob8255	4C	0.02
miob0926	4 C	0.02	seob6096	4C	0.02
ncrb0328	4 C	0.02	ncrb7726	4C	0.02
ncrc1751	4C	0.02	fcrb2223	4C	0.02
fcrc0651	4C	0.02	hfcr2803	4C	0.02
ncr3778	4C	0.02	ncrc7131	4C	0.02
hfcr1856	4C	0.02	mioc2173	4C	0.02
hfcr6932	4 C	0.02	mioa6913	4C	0.02
seob1118	4C	0.02			
			ncrb6818	4C	0.02
ncrb0696	4C	0.02	seoa8177	4C	0.02
fcrb1312	4C	0.02	fcrc2670	4C	0.02
fcrb6734	4C	0.02	seoa5894	4C	0.02
seoa2620	4C	0.02	ncr9549		
ncrc0640				4C	0.02
	4C	0.02	mioa2851	4C	0.02
ncr9108	4C	0.02	ncrc1231	4C	0.02
seob9353	4 C	0.02	fcr5316	4C	0.02

fcrb1337	4C	0.02	miod7337	4 C	0.03
miob8341	4 C	0.02	fcrc2678	4 C	0.03
ncrc2888	4C	0.02	seoa8401	4 C	0.03
hfcr2629	4C	0.02	hfcr0476	4C	0.03
seoal089	4 C	0.02	seob2134	4C	0.03
mioa5531	4C	0.02	seob7404	4C	0.03
fcrc1947	4C	0.02	fcrb8949	4C	0.03
ncrb8751	4C	0.02			
miob6456			ncrc4903	4C	0.03
	4C	0.02	seob2750	4C	0.03
ncrc2472	4C	0.02	fcrb5928	4C	0.03
seoa0949	4C	0.02	ncr3465	4C	0.03
fcrb8014	4C	0.02	seoc2173	4 C	0.03
seob2816	4C	0.02	mioc4420	4 C	0.03
seoa8640	4C	0.02	seob7946	4 C	0.03
ncrb8437	4C	0.02	mioc2950	4 C	0.03
miod6560	4 C	0.02	seoc3980	4 C	0.03
miob1001	4C	0.02	mioa0862	4C	0.03
fcrb1720	4C	0.02	seoa9855	4C	0.03
seoa3287	4C	0.02	mioa2522	4C	0.03
miob4876	4C	0.02	seoc4187	4C	0.03
seob4992	4C	0.02	ncrb8203	4C	
miob8947	4C	0.02			0.03
			ncrc5019	4C	0.03
miob3690	4C	0.02	seob0182	4C	0.03
fcrb1547	4C	0.02	hfcr3634	4C	0.03
miod1542	4C	0.02	ncr2966	4 C	0.03
ncr1912	4C	0.02	ncrb8649	4 C	0.03
fcrc5160	4C	0.02	ncrb8821	4 C	0.03
fcrb4275	4 C	0.02	fcrb6460	4 C	0.03
mioa4738	4 C	0.02	fcrb7616	4 C	0.03
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fcrc0591	4C	0.02	fcrb4599	4 C	0.03
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seob4835	4 C	0.02	seoa9930	4C	0.03
fcrb7951	4 C	0.03	hfcr2820	4C	0.03
mioc2019	4 C	0.03	mioc0317	4C	0.03
fcrb2715	4C	0.03	seob1770	4C	0.03
seoa7223	4C	0.03	seob1770 seob3468	4C	
seob2959	4C	0.03			0.03
seob2333	4C		mioa6582	4 C	0.03
		0.03	miob3531	4C	0.03
fcrc1019	4 C	0.03	seoa9889	4C	0.03
seob4480	4C	0.03	seoa7587	4C	0.03
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ncr8542	4C	0.03	fcrb6102	4C	0.03
fcrb6185	4C	0.03	ncr1876	4C	0.03
mioa5836	4C	0.03	seoa3359	4 C	0.03
seoc1234	4 C	0.03	mioa8984	4C	0.03
seob3485	4 C	0.03	seob0298	4C	0.03
seob3076	4 C	0.03	ncrb2544	4 C	0.03
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seoa9389	4C 4C		fcr5222	4 C	0.03
		0.03	seoa3910	4 C	0.03
seoa2777	4C	0.03	ncrc0793	4 C	0.03
seob6558	4C	0.03	mioc8694	4 C	0.03
seoa2381	4C	0.03	fcrb3169	4C	0.03

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	4C	0.03	fcrb2472	4C	0.03
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seoa2041	4C	0.04	hfcr5383	4C	0.04
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miob3443	4C	0.04			
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fcrb1724	4C	0.04	mioa2072	4 E	3.26e-06
seob1748	4C	0.04	seob5523	4 E	4.23e-06
seob1420	4C	0.04	seob4419	4 E	4.27e-06
hfcr6931	4C	0.04	fcrc3993	4 E	4.37e-06
seoc5285	4C				
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mioa3786	4C	0.04	mioc3430	4E	7.49e-06
mioc3618	4C	0.04	seoa8894	4E	1.1e-05
seob6582					
	4C	0.04	fcrb4534	4 E	1.46e-05
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miob9121	4C	0.04	seoa4518	4 E	2.47e-05
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seoa3335	4C	0.04	seoa8566	4 E	3.22e-05
fcr4057	4C	0.04	ncr7668	4 E	4.63e-05
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seob4213	4C	0.04	fcr2952	4E	5.1e-05
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seoa9373	4 E	6.54e-05	fcrb4428	4 E	4.19e-04
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ncrb2092	4 E	8.8e-05	fcr1463	4 E	4.77e-04
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fcrb8516	4 E	9.9e-05	ncrc4757	4 E	5.23e-04
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fcrc3739	4 E	1.03e-04	seoa7530	4 E	5.56e-04
fcrb0265	4 E	1.2e-04	seob0248	4 E	5.56e-04
seob6576	4 E	1.27e-04	seoc6703	4 E	5.75e-04
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mioc2094	4 E	1.38e-04	seoa4739	4 E	5.91e-04
seoal427	4 E	1.38e-04	fcr4831	4 E	5.97e-04
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seob6851	4 E	1.55e-04	mioa1662	4 E	6.2e-04
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	40	J. / UE-U4	miod5369	4 E	9.71e-04

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fcrb9269	4 E	1.150659e-03	miod5894	4 E	2.014527e-03
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seob8368	4 E	1.154981e-03	seob4560	4 E	2.021887e-03
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mioa0535	4 E	1.173792e-03	mioc0824	4 E	2.034483e-03
fcrb1539	4 E	1.177578e-03	ncrb8330	4 E	2.048755e-03
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ncrc0090	4E	1.185916e-03	mioc1107	4E	2.070013e-03
miod6238					
	4E	1.278208e-03	miob9163	4 E	2.097664e-03
miod1942	4 E	1.305311e-03	miob5432	4 E	2.108077e-03
ncr4539	4 E	1.309997e-03	fcrb1733	4 E	2.120875e-03
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seoa1844	4 E	1.345317e-03	fcrc6916	4 E	2.121527e-03
mioc2880	4 E	1.356947e-03	ncr0238	4 E	2.1386e-03
seob6368	4E	1.361315e-03			
		-	mioa3598	4 E	2.13862e-03
mioc2348	4 E	1.386736e-03	mioc7895	4 E	2.143605e-03
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miod0080	4 E	1.423952e-03	miod2525	4 E	2.174809e-03
miob3348	4 E	1.428182e-03	fcrb2624	4 E	2.174826e-03
miod1195	4 E	1.431152e-03	fcrb6187	4 E	2.177878e-03
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seoa3516	4 E	1.46015e-03	mioc6312	4 E	2.199817e-03
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fcr3101	4 E	1.487316e-03	seoc1118	4 E	2.258564e-03
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fcr4128	4E	1.53383e-03	seob7432	4 E	2.272415e-03
ncrc5162	4E	1.553082e-03	fcrc0695	4 E	2.2724130 03 2.279562e-03
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	4E	1.55656e-03	seoa1065	4 E	2.312579e-03
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seoa9740	4 E	1.598061e-03	miob4475	4 E	2.330183e-03
mioa3080	4 E	1.603678e-03	fcrb3134	4 E	2.402582e-03
mioc0052	4 E	1.624699e-03	ncrb5254	4 E	2.446454e-03
miob9209	4E	1.634228e-03	mioc6114		
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mioc6075	4 E	1.640004e-03	seoa3670	4 E	2.543649e-03
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701D14E0	373	1.0010226 03	Se0D3301	4 5	2.011093 <del>0-</del> 03

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	4 E	2.852331e-03	mioc3716	4 E	4.281847e-03
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	4 E	3.095502e-03	seoa7129	4 E	4.719984e-03
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	4 E	3.245826e-03	mioa0826	4 E	4.884238e-03
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	4E	3.531512e-03	ncrc5500	4 E	5.175143e-03
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			seob4039	4 E	0.01
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ncr0045	4 E	0.01	ncrb3341	4 E	0.01
seob4213					
	4 E	0.01	seob1322	4 E	0.01
fcrc4658	4 E	0.01	ncr9919	4 E	0.01
seoc7281	4 E	0.01	fcrb2996	4 E	0.01
seob2938		0.01			
	4 E		seob8301	4 E	0.01
fcrc1745	4 E	0.01	ncr8827	4 E	0.01
fcr1185	4 E	0.01	seob9480	4 E	0.01
fcr5755	4 E	0.01			
			miod6947	4 E	0.01
mioc7807	4 E	0.01	fcrb2094	4 E	0.01
ncrb8790	4 E	0.01	fcrc7056	4 E	0.01
miob2375	4 E	0.01			
			fcr1305	4 E	0.01
mioa0891	4 E	0.01	fcrc2969	4 E	0.01
mioc7370	4 E	0.01	ncrc6127	4 E	0.01
seoa9344	4 E	0.01	fcr5509	4 E	0.01
seoa5429	4 E	0.01	seob3419	4 E	0.01
hfcr6640	4 E	0.01	ncrc2859	4 E	0.01
fcrb2784	4 E	0.01	mioa0152	4 E	0.01
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mioa9258	4 E	0.01	hfcr4423	4 E	0.01
mioc7509	4 E	0.01			
			ncr4126	4 E	0.01
miob3411	4 E	0.01	miob7607	4 E	0.01
mioa3646	4 E	0.01	miod0686	4 E	0.01
seoa4107	4 E	0.01			
			fcrb2596	4 E	0.01
seoa0931	4 E	0.01	miob1789	4 E	0.01
ncrc5813	4 E	0.01	ncr6141	4 E	0.01
seoa3737	4 E	0.01	mioa9935	4 E	0.01
seoa6658	4E	0.01			
			seoa1979	4 E	0.01
hfcr1419	4 E	0.01	fcrc5671	4 E	0.01
fcrb8465	4 E	0.01	seob6229	4 E	0.01
seoc2253	4 E	0.01	ncrb1956		
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mioc7561	4 E	0.01	hfcr3011	4 E	0.01
ncrc6861	4 E	0.01	fcrb4294	4 E	0.01
fcrb1917	4 E	0.01	seoc8175	4 E	0.01
seob7941	4 E	0.01	mioa3799	4 E	0.01
miob7531	4 E	0.01	mioa6999	4 E	0.01
seob1783	4 E	0.01	miob0207	4 E	0.01
seoa4324	4 E	0.01	seob5490		
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ncr0335	4 E	0.01	miod0167	4 E	0.01
seoc3870	4 E	0.01	seob2081	4 E	0.01
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fcrb7833					
	4 E	0.01	ncrc2273	4 E	0.01
ncrc0803	4 E	0.01	ncrc5608	4 E	0.01
fcr4927	4 E	0.01	fcrb8196	4 E	0.01
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	4 E	0.01	hfcr6243	4 E	0.01
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				4 E	0.01
seoc1278	4 E	0.01	seoc4625	4 E	0.01
seob4539	4 E	0.01	fcr4795	4 E	0.01
mioc8379	4 E	0.01	mioa7169	4E	0.01
fcrc0839	4 E	0.01	fcrb1582	4 E	0.01
fcrb7505	4 E	0.01	fcrc6106	4 E	0.01
fcrb3217	4 E	0.01	mioc8474	4 E	0.01
mioa2722	4 E	0.01	seob4570	4 E	0.01
mioa6034	4 E	0.01	fcr7705	4 E	0.01
mioc0978	4 E	0.01	ncr7876	4 E	0.02

0060	4	0 00	6001		
seoa2962	4 E	0.02	ncrc6981	4 E	0.02
fcrb2926	4 E	0.02	fcr0027	4 E	0.02
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	4 E	0.02	ncrc6047	4 E	0.02
fcrb2658	4 E	0.02	seoc0593	4 E	0.02
ncrc5653	4 E	0.02	seob7622	4 E	0.02
mioc2546	4 E	0.02	seob9818		
				4 E	0.02
seoa7935	4 E	0.02	seoa3752	4 E	0.02
seoc7546	4 E	0.02	seoc5780	4 E	0.02
hfcr2505	4 E	0.02	ncrc9387	4 E	0.02
seoa0221	4 E	0.02	ncr2717	4 E	0.02
seoc4052	4 E	0.02	fcr2530	4 E	0.02
seob0763	4 E	0.02	fcr3269	4 E	0.02
mioa1055	4 E	0.02	fcrb8719	4 E	0.02
seob4192	4 E	0.02	hfcr1774	4 E	0.02
miob4570	4 E	0.02	fcrb1528	4 E	0.02
fcrc0529	4 E	0.02	ncre5807	4E	0.02
miod2128	4 E	0.02	seob9730	4 E	0.02
ncr4416	4 E	0.02	mioc9919	4 E	0.02
miod0971	4 E	0.02	seoc4505	4 E	0.02
ncrb8063	4E	0.02	hfcr0256		
				4 E	0.02
miob7109	4 E	0.02	miob8609	4 E	0.02
seob1834	4 E	0.02	seoa4586	4 E	0.02
fcr7403	4 E	0.02	bfcs0043	4E	0.02
mioa8858		0.02	ncrc1402	4 E	0.02
seob0831	4 E	0.02	ncr2792	4 E	0.02
seoc1264	4 E	0.02	seoa4634	4 E	0.02
fcr2940	4 E	0.02	mioa3940	4E	0.02
seob9067	4 E	0.02	fcrb5720	4 E	0.02
fcrb7118	4 E	0.02	fcrc0677	4 E	0.02
miod0441	4 E	0.02	mioa6147	4Ė	0.02
seoa6867	4 E	0.02	miob7611	4 E	0.02
fcrb2913	4 E	0.02	ncrb3284	4 E	0.02
fcrb3201	4 E	0.02	seoa4158	4 E	0.02
fcrb9578	4 E	0.02	seoa4670	4 E	0.02
seoa5214	4 E	0.02	miob9855	4E	0.02
seoc3426	4 E	0.02	mioc2799	4 E	0.02
ncrd4701	4 E	0.02	mioa8548	4 E	0.02
miob3396	4 E	0.02	ncrc4586	4 E	0.02
fcr3043	4 E	0.02	ncrc9117	4 E	0.02
fcrb2591	4 E	0.02	seob5624	4 E	0.02
fcrc4390	4 E	0.02	ncrc1751	4 E	0.02
hfcr3404	4 E	0.02	fcrc0651	4 E	0.02
ncrc4001	4 E	0.02	ncrc1687	4 E	0.02
ncrc0292	4 E	0.02	hfcr1856	4 E	0.02
ncrc3276	4 E	0.02	fcrb5393	4 E	0.02
miob4975	4 E	0.02	ncr9108	4 E	0.02
mioc0214	4 E	0.02	fcr4634	4 E	0.02
miod4857	4 E	0.02	miod0053	4 E	0.02
seob6680	4 E	0.02	fcr2587	4 E	0.02
miob9533	4 E	0.02	miob3330	4 E	0.02
fcrb2690	4 E	0.02	mioc2019	4 E	0.02
seoa3628	4 E	0.02	fcrc5721	4 E	0.02
fcr2859	4 E	0.02	hfcr2295	4 E	0.02
seoc6266	4 E	0.02	ncr2408	4 E	0.02
mioc5226	4 E	0.02			
			hfcr3180	4 E	0.02
mioc5307	4 E	0.02	ncr8975	4 E	0.02
fcrb6990	4 E	0.02	ncrb2798	4 E	0.02
fcrb3519	4 E	0.02	fcr3620	4 E	0.02
seoc2030	4 E	0.02	seoc0416	4 E	0.02
miob8274	4 E	0.02	seoa8912	4 E	0.02
seoc4380	4 E	0.02	fcrc7228	4 E	0.02
fcr5618	4E	0.02			0.02
			miob6610	4 E	
seoa3555	4 E	0.02	seob4726	4 E	0.02

seob8255	4 E	0.02	0633	4.77	0 00
			ncrc9633	4 E	0.03
seob6096	4 E	0.02	hfcr5797	4 E	0.03
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fcrc2670	4 E	0.02	miob3531	4 E	0.03
seoa8867	4 E	0.02	miod7270	4 E	0.03
ncrc1231	4 E	0.02	fcrb6102	4 E	0.03
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	4E		miob7223	4 E	0.03
seob1947	4 E	0.02	fcrb5416	4 E	0.03
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mioc5695	4 E	0.02	seoa7249	4 E	0.03
ncr3052	4 E	0.02	fcr5222		0.03
ncrc1537	4 E	0.02	fcrb8910	4E	0.03
seob3009	4E	0.02			
			seoa5447	4 E	0.03
mioa5531	4 E	0.02	fcrc6970	4 E	0.03
mioa6840	4 E	0.02	ncr5374	4 E	0.03
ncrc9436	4 E	0.02	seob6030	4 E	0.03
miob4876	4 E	0.02	miod7461	4 E	0.03
ncr0491	4 E	0.02	fcr0860	4 E	0.03
fcr1724	4E	0.02	fcr0946	4 E	0.03
fcr7042	4E	0.02			
			mioc3959	4 E	0.03
mioa4738	4 E	0.02	ncr4140	4 E	0.03
ncr5557	4 E	0.02	mioc3994	4 E	0.03
fcrc0591	4 E	0.02	fcr5369	4 E	0.03
fcrb7951	4 E	0.03	seoa5528	4 E	0.03
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seoa2679	4 E	0.03	ncrc4633	4 E	0.03
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seob4079	4 E	0.03	fcr4306	4E	0.03
ncr3237	4 E	0.03	seoa5554	4E	0.03
hfcr0734	4E	0.03			
			fcr0843	4 E	0.03
hfcr3500	4 E	0.03	ncrb2151	4 E	0.03
seoa9060	4 E	0.03	mioa0497	4 E	0.03
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seoc0616	4 E	0.03	fcrc6108	4 E	0.03
fcrb8949	4 E	0.03	mioa9492	4 E	0.03
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ncrc0439	4E	0.03	mioc3648		0.03
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	4 E	0.03	ncrb1719	4 E	0.03
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fcrb5296	4 E	0.03	seob6584	4 E	0.03
fcrc6010	4 E	0.03	seob7668	4 E	0.03
ncr2866	4 E	0.03	seoc3443	4 E	0.03
ncr3380	4 E	0.03	seod0773	4E	0.03
ncrc2670	4 E	0.03	seob3170		
seob3404				4 E	0.03
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seoa9855	4 E	0.03	fcrb5645	4 E	0.03
ncr3690	4 E	0.03	fcrb4016	4 E	0.03
seoc4187	4 E	0.03	seob0885	4 E	0.03
miob7850	4E	0.03	seob5558	4 E	0.03
ncrb4441	4 E	0.03	ncr9664	4 E	0.03
ncrb8649	4 E	0.03	fcr0529	4 E	0.03
mioa3361	4E	0.03			
			seob0650	4 E	0.03
fcrb7616	4 E	0.03	seod1506	4 E	0.03
ncr8995	4 E	0.03	miob3354	4 E	0.03
fcrb4599	4 E	0.03	mioa2447	4 E	0.03
seob8082	4 E	0.03	fcrb6725	4E	0.03
seoa2978	4 E	0.03	ncr5939	4 E	0.03
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ncr2175	4 E	0.03	ncr4550	4 E	0.04
seoa7369	4 E	0.03	seoa2041	4 E	0.04
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seob0344	4 E	0.03	miod6213	4 E	0.04
seoa6598	4 E	0.03	seob3455	4 E	0.04
mioc4504	4 E	0.03	ncr9337	4 E	0.04
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				4 E	
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mioa8912	4 E	0.03	miob4793	4 E	0.04
ncr5065	4 E	0.03	miob7550	4 E	0.04
seoc2246	4 E	0.03	mioc5679		
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fcrc4876	4 E	0.03	seoa7509	4 E	0.04
hfcr5987	4 E	0.03	seob1133	4 E	0.04
ncrb3001	4 E	0.03	fcrb3283	4E	0.04
ncr3268	4 E	0.03	seoc5285	4 E	0.04
seob8300	4 E	0.03	mioa6556	4 E	0.04
fcr6708	4 E	0.03	mioc4086	4 E	0.04
seoa9042	4 E	0.03	fcrb8908	4E	0.04
seoa7923	4 E	0.03	seob6582	4 E	0.04
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ncre2208	4 E	0.04	ncr0132	4 E	0.04
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	4 E	0.04	fcrb4333	4 E	0.04
fcrb7761	4 E	0.04	seoc2256	4 E	0.04
hfcr9140	4 E	0.04	fcr6181	4 E	0.04
mioa4810	4 E	0.04	miod4370	4 E	0.04
mioa6471	4E	0.04			
			miob2668	4 E	0.04
mioc5646	4 E	0.04	seob3394	4 E	0.04
ncrb5145	4 E	0.04	ncrb2992	4 E	0.04
ncrc5845	4 E	0.04	seob1009	4 E	0.04
seoa5455	4 E	0.04	ncrb8539	4 E	0.04
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seoa4055	4 E	0.04	miod6731	4 E	0.04
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miob2743	4 E	0.04	miod4546	4 E	0.04
miob5752	4 E	0.04	miob7913	4 E	0.04
seoa5258	4 E	0.04	fcr3053	4 E	0.04
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miob3426	4 E	0.04			
			fcrb2015	4 E	0.04
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miob6595	4 E	0.04	miob7518	4 E	0.04
mioa2268	4 E	0.04	seoa8638	4 E	0.04
fcrb7402	4 E	0.04	mioa1276		
				4 E	0.04
ncr0547	4 E	0.04	seob0817	4 E	0.04
mioc8479	4 E	0.04	ncr1235	4 E	0.04
miod1108	4 E	0.04	hfcr1314	4 E	0.04
			·	-	

seod0608	4 E	0.04	fcr4582	4 G	2.27e-04
miod7440	4G	2.44e-07	fcrc1381	4 G	2.28e-04
seoc2029	4 G	6.23e-07	miob0167	4 G	2.32e-04
mioc7170	4G	2.53e-06	mioc4022	4G	2.34e-04
mioc2561	4 G	3.17e-06	seob0065	4G	
mioa2072	4G	3.26e-06			2.35e-04
seob5523			fcrc5937	4G	2.36e-04
	4G	4.23e-06	seoc0999	4 G	2.44e-04
seob4419	4G	4.27e-06	fcrc0554	4 G	2.48e-04
fcrc3993	4G	4.37e-06	seoc1203	4 G	2.49e-04
seoa4461	4 G	5.29e-06	seob4191	4 G	2.69e-04
seoa6032	4G	5.48e-06	mioc2726	4 G	2.7e-04
miod5349	4G	6.31e-06	mioc8882	4 G	2.89e-04
mioc3430	4 G	7.49e-06	mioc6260	4 G	2.92e-04
seoa8894	4 G	1.1e-05	seoa4053	4 G	3.03e-04
fcrb4534	4 G	1.46e-05	fcrc0112	4 G	3.06e-04
seob2697	4G	1.66e-05	ncr0153	4G	
ncr3751	4G	1.95e-05			3.07e-04
seoa4518		2.47e-05	ncr1631	4 G	3.07e-04
	4G		seoa4366	4 G	3.08e-04
seoa6133	4G	2.48e-05	seoc6169	4 G	3.11e-04
miob6562	4 G	2.52e-05	mioa1585	4 G	3.13e-04
seoa8566	4 G	3.22e-05	ncrb8714	4 G	3.16e-04
ncr3902	4 G	3.39e-05	seoa2949	4 G	3.29e-04
ncr7668	4 G	4.63e-05	fcrc0487	4 G	3.31e-04
fcrb3578	4 G	4.7e-05	mioa7317	4 G	3.37e-04
fcr2952	4G	5.1e-05	fcr2573	4 G	3.43e-04
miod5123	4 G	5.49e-05	seob5743	4 G	3.48e-04
seob4333	4G	5.73e-05	ncrc0342	4 G	3.76e-04
seob6853	4 G	5.74e-05	fcrb8504	4 G	3.99e-04
mioa3963	4G	6.04e-05	fcr5779	4 G	4.02e-04
miod7421	4G	6.08e-05	mioa8820		
seoa9373	4G	6.54e-05		4 G	4.06e-04
fcrb8908	4G	7.67e-05	miob7922	4 G	4.07e-04
mioa2319			fcrb7830	4 G	4.09e-04
	4G	8.18e-05	fcrb4428	4 G	4.19e-04
ncrb2092	4G	8.8e-05	fcrc6010	4 G	4.34e-04
mioa1370	4G	8.87e-05	mioc8057	4 G	4.39e-04
mioc8410	4G	9.18e-05	fcr4784	4 G	4.64e-04
fcrb7339	4G	9.87e-05	fcr1463	4 G	4.77e-04
fcrb8516	4G	9.9e-05	fcr2103	4 G	4.84e-04
fcr4477	4 G	1.01e-04	miod6845	4 G	4.99e-04
fcrc3739	4 G	1.03e-04	seob6844	4 G	5.04e-04
fcrb0265	4 G	1.2e-04	ncrc4597	4 G	5.18e-04
seob6576	4 G	1.27e-04	seob9282	4 G	5.33e-04
seob6189	4 G	1.32e-04	seob0248	4 G	5.56e-04
miod7414	4 G	1.36e-04	seoc6703	4 G	5.75e-04
mioc2094	4 G	1.38e-04	miob9907	4 G	5.82e-04
seoal427	4G	1.38e-04	fcr2607	4 G	5.84e-04
ncr3262	4G	1.4e-04	ncrc8903	4 G	5.88e-04
seoa2585	4G	1.47e-04	seoa4739	4G	
ncr0223	4G	1.5e-04	•		5.91e-04
seoa7652	4G	1.5e-04	fcr4831	4 G	5.97e-04
seob6851			mioa0595	4 G	6.04e-04
	4 G	1.55e-04	seob9145	4 G	6.11e-04
fcrb5850	4G	1.56e-04	mioa1662	4 G	6.2e-04
miob8812	4 G	1.56e-04	fcrc3750	4 G	6.22e-04
fcrb3461	4G	1.6e-04	miod4759	4 G	6.36e-04
seoc1023	4 G	1.66e-04	fcrc6826	4 G	6.39e-04
seob4029	4 G	1.69e-04	mioc7686	4 G	6.41e-04
miod5651	4 G	1.77e-04	ncrb2266	4 G	6.45e-04
seoa2970	4 G	1.77e-04	mioa2537	4 G	6.62e-04
seob5748	4 G	1.79e-04	fcrc3009	4 G	6.69e-04
hfcr2390	4G	1.83e-04	mioa6418	4 G	7.09e-04
miod5505	4G	1.89e-04	mioc0950	4G	
seob6751	4G	2.02e-04			7.19e-04
seoc2264	4G	2.1e-04	miod1925	4 G	7.23e-04
fcrb2554	4G		mioc5532	4 G	7.27e-04
-0102004	40	2.2e-04	mioc4089	4 G	7.46e-04

mioc7362	4 G	7.52e-04	mioc6987	4 G	1.45158e-03
mioc7764	4 G	7.57e-04	seoa3516	4G	1.46015e-03
seob9960	4 G	7.63e-04	ncr0025	4G	1.469905e-03
seoa8388	4 G	7.64e-04	fcr3101	4G	1.487316e-03
fcrc6976	4 G	7.65e-04	seob4579	4 G	1.499276e-03
seob3303	4 G	7.67e-04	ncr7595	4G	1.511845e-03
seob9574	4 G	7.88e-04	fcr4128	4 G	1.53383e-03
hfcr0478	4 G	8.43e-04	ncrc5162	4 G	1.553082e-03
mioa5355	4 G	8.58e-04	ncr5168	4 G	1.55656e-03
fcr0824	4 G	8.62e-04	ncrb3001	4G	1.557302e-03
seob2994	4 G	8.67e-04	fcrb8187	4G	1.573331e-03
fcrb8668	4G	8.75e-04	mioal380	4G	1.588271e-03
ncrc9784	4 G	8.77e-04	miod1811	4G	1.590472e-03
fcrc7102	4G	8.87e-04	seoa9740		
mioa6731	4G	8.9e-04	mioa3080	4G 4G	1.598061e-03 1.603678e-03
fcrb2556	4G	8.98e-04	mioc0052		
fcrc1298	4G	9.0e-04	ncrc5569	4 G	1.624699e-03
ncr5568	4G	9.0e-04		4 G	1.637974e-03
mioc4667	4G	9.01e-04	mioc6075	4 G	1.640004e-03
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fcrb9454			seoa4305	4 G	1.678116e-03
mioc6212	4G 4G	9.3e-04 9.34e-04	mioa1015	4G	1.68644e-03
fcrb9420			seob0304	4 G	1.693307e-03
miod5369	4 G	9.64e-04	fcrc2090	4G	1.719751e-03
fcr2798	4 G	9.71e-04	miob6834	4G	1.736843e-03
	4 G	9.78e-04	miob1115	4G	1.756956e-03
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ncrb5595	4 G	1.013841e-03	fcrc2099	4 G	1.790284e-03
fcrb7240	4 G	1.015969e-03	seob1766	4G	1.794891e-03
fcrb2933	4 G	1.016356e-03	fcrc5516	4G	1.799844e-03
hfcr5381	4 G	1.016874e-03	fcrb1420	4G	1.801622e-03
miod1236	4 G	1.028284e-03	ncr2905	4G	1.815247e-03
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fcrc7388	4 G	1.073216e-03	seob6525	4 G	1.861275e-03
fcrc5134	4G	1.081745e-03	fcrb6949	4G	1.872239e-03
miod5310	4G	1.086904e-03	fcrb8161	4G	1.885852e-03
fcrb1855	4G	1.129688e-03	mioa1520	4G	1.887743e-03
fcrb9269	4G	1.142061e-03	fcrb8740	4 G	1.892065e-03
	4 G	1.150659e-03	mioc8423	4G	1.916815e-03
mioa3395	4 G	1.154329e-03	fcrb2871	4G	1.964974e-03
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seob0122	4 G	1.171391e-03	fcr7381	4 G	1.992663e-03
mioa0535	4 G	1.173792e-03	ncr5397	4G	2.00365e-03
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miob9336	4 G	1.178419e-03	miod0340	4G	2.021229e-03
mioc7664	4 G	1.185788e-03	seob4560	4G	2.021887e-03
seoa9060	4 G	1.185788e-03	fcrb8080	4G	2.025786e-03
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miod1942	4 G	1.305311e-03	mioc1107	4 G	2.070013e-03
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ncr4539	4 G	1.309997e-03	fcrc6916	4 G	2.121527e-03
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fcr1756	4G	1.392986e-03	miod2525	4G	2.174809e-03
miod6038	4 G	1.395436e-03	fcrb2624	4G	2.174826e-03
miob3348	4 G	1.428182e-03	mioc6312	4 G	2.199817e-03
miod1195	4G	1.431152e-03	seoc2101	4 G	2.226943e-03
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	4 G	5.96467e-03	mioc6925	4 G	7.512586e-03
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	4G	6.342616e-03	mioc6997	4 G	8.185087e-03
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	4G	6.402894e-03	seoc2220	4 G	8.240295e-03
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seo <u>.</u> a2391	4 G	9.263207e-03	fcrb7588	4 G	0.01
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			seob7409	4 G	0.01
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	4G	0.01	seoc2447	4 G	0.01
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fcrb6785	4 G	0.01	miob8373	4 G	0.01
miob7651	4 G	0.01	fcr2102	4 G	0.01
fcrb5918	4 G	0.01	seoa4460	4 G	0.01
mioa5461	4 G	0.01	ncrb2131	4G	0.01
seoa7266	4G	0.01			
			miod6961	4G	0.01
fcrb5100	4 G	0.01	mioc0560	4 G	0.01
fcrb4109	4 G	0.01	seob9645	4 G	0.01
mioc0121	4 G	0.01	fcrb7808	4 G	0.01
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seob3887	4 G	0.01	ncrc9727	4 G	0.01
seob6467	4 G	0.01	seoa2639	4 G	0.01
mioa6135	4 G	0.01	mioa2213	4 G	0.01
mioa8852	4 G	0.01	ncr6142	4 G	0.01
mioc4009	4 G	0.01	miob4370	4 G	0.01
seoc2336	4 G	0.01	miod4342	4 G	0.01
fcrc0654	4 G	0.01	ncrc6171	4 G	0.01
fcr4763	4 G	0.01	seoa7094	4G	0.01
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miod4464	4 G	0.01	fcr0272	4 G	0.01
fcrb3702	4G	0.01	seob3684	4G	0.01
fcrb5389	4G	0.01	fcr2341		
seoc3876				4 G	0.01
	4G	0.01	miod7243	4 G	0.01
fcrb3135	4 G	0.01	seob4293	4 G	0.01
hfcr5237	4 G	0.01	seoa5552	4 G	0.01

	4 C	0.01	fcrb5644	4G	0.01
ncrb2288	4G	0.01	seoa0536	4 G	0.01
fcr6937	4 G		ncrc5813	4G	0.01
miod3468	4G	0.01	seoa6658	4 G	0.01
ncrb5737	4G	0.01	hfcr1419	4G	0.01
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miob3763	4 G	0.01	seoc2253		0.01
miob2492	4 G	0.01	miob6419	4G	
miod6041	4 G	0.01	mioc7561	4G	0.01
fcr5176	4 G	0.01	seob9847	4 G	0.01
fcrb5536	4 G	0.01	fcrb7584	4 G	0.01
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ncrc2685	4 G	0.01	ncrb1085	4 G	0.01
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seob7747	4G	0.01	ncr2967	4 G	0.01
ncrc9517	4G	0.01	fcrb1750	4 G	0.01
seoa9729	4 G	0.01	seob0418	4 G	0.01
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	4G 4G	0.01	mioa1062	4G	0.01
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seoa2957	4G	0.01	mioa6091	4G	0.01
mioa4944	4 G	0.01	mioc4641	4G	0.01
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fcrb2190	4 G	0.01		4G	0.01
seob5007	4G	0.01	mioc8379	4G	0.01
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mioc6847	4 G	0.01	ncr9919	4 G	0.01
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miob3477	4 G	0.01	fcrc0726	4 G	0.01
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mioc2039	4G	0.01	fcr2700	4 G	0.01
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	4G	0.01	fcrb2596	4 G	0.01
fcr0508	4G 4G	0.01	seob0751	4 G	0.01
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ncrc3258	4G		ncr6141	4G	0.01
miob3411	4G	0.01	mioa9935	4G	0.01
mioa3646	4 G	0.01	seoa1979	4G	0.01
seoa4107	4 G	0.01	miod7238	4G	0.01
seoa0931	4 G	0.01	m100/236	40	0.01

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fcrb6759	4G	0.01	fcrc0839	4 G	0.02
ncrc9024	4 G	0.01	miod0441	4 G	0.02
fcrb7392	4G	0.01	ncr5781	4 G	0.02
mioa3799	4G	0.01	miob3396	4 G	0.02
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mioc0940	4G	0.01	seoc3980	4 G	0.02
seob5490	4G	0.01	fcrb2591	4 G	0.02
seob2081	4G	0.01	fcrc4390	4 G	0.02
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mioc8474	4G	0.01	hfcr4007	4G	0.02
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fcrb3008	4G	0.01	miod4857	4 G	0.02
seob0182	4G	0.01	seob6680	4G	0.02
seob9044	4G	0.01	fcrb2690	4G	0.02
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seoa2962	4 G	0.02	fcr2859	4 G	0.02
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seoa3634	4G	0.02	miob2709	4G	0.02
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fcrb2658	4G	0.02	seoc6099	4 G	0.02
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seob5080	4G	0.02	seoa3555	4G	0.02
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seob6156	4G	0.02	ncrc9284	4G	0.02
mioa1055	4 G	0.02	mioc5736	4G	0.02
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ncr3149				4G	0.02
ncrb8063	4G	0.02	ncr2717		
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seoa7917	4G	0.02	fcrb0598	4 G	0.02
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mioc4270	4G	0.02	seob2657	4 G	0.02
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seob0831	4G	0.02	seoc4505	4 G	0.02
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miob2116	4G	0.02	mioa3940	4 G	0.02
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fcrb2704	4G	0.02	ncrc9117	4 G	0.02
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miob6459	4G	0.02	ncr3237	4G	0.02
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fcr0622	4 G	0.02	ncrb1518		
seoc3443	4 G	0.02	miob5010	4G	0.02
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seoa3910	4 G	0.02	fcrc6542	4G	0.02
seoa5784	4 G	0.02	mioc8264	4G	0.02
seob5225	4 G	0.02	ncrb7111	4 G	0.02
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seob8873	4G	0.02	miod1542	4G	0.02
seoa5157	4G	0.02	fcr7042	4G	0.02
			mioa4738	4G	0.02
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miob3330	4 G	0.02	ferc0591	4G	0.02
mioc7910	4G	0.02	seob9241	4G	0.03
seoa1992	4G	0.02	fcrc1019	4G	0.03
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ncr0251	4G	0.02	fcrb9843	4G	0.03
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seob0089	4G	0.02	fcrc5138	4G	0.03
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seoc0416	4G	0.02	seob4079	4G	0.03
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seoa1065	4 G	0.02	mioc1596	4 G	0.03
hfcr3494	4 G	0.02	seob4001	4G	0.03
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seob8255	4 G	0.02	seob7946	4G	0.03
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seob6096	4 G	0.02	ncrb8649	4G	0.03
mioc3871	4 G	0.02	fcrb7616	4G	0.03
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seoc6666	4G	0.02	fcrb4599	4G	0.03
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ncrb8496	4 G	0.02	fcr0578	4G	0.03
fcr5316	4 G	0.02	mioa8864	4G	0.03
mioc0161	4 G	0.02	miod4895	4 G	0.03
seoa8854	4 G	0.02	mioa7088	4 G	0.03
seoa0101	4G	0.02	fcr2684	4G	0.03
		0.02		4G	0.03
mioa5511	4G		seob1219		
seob1947	4G	0.02	seoal789	4G	0.03
ncrc6455	4 G	0.02	miob3531	4G	0.03
ncrc1341	4 G	0.02	miob4057	4 G	0.03
miob0865	4G	0.02	ncrc9642	4 G	0.03
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ncrc9259	4 G	0.03	miob3432	4 G	0.03
fcrb3003	4 G	0.03	fcrb2090	4 G	0.03
fcrb5416	4 G	0.03	miod6324	4 G	0.03
miob5810	4 G	0.03	seoa6598	4 G	0.03
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seoa7249	4 G		seob0650	4 G	0.03
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fcrc6970	4 G	0.03	seob0787	4 G	0.03
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fcr0946	4 G		mioc7433	4 G	0.03
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seoc3883	4 G	0.03	ncrc1615	4 G	0.03
fcrb8664	4 G	0.03	fcrb3083	4 G	0.03
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ncrc4620	4 G	0.03	ncr4656	4 G	0.04
hfcr0731	4 G	0.03	fcrb4718	4G	0.04
seob7866	4 G	0.03	fcrb6481	4 G	0.04
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mioa6913	4 G	0.03	fcrb7133	4 G	0.04
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miob3044	4 G	0.03	seoe0722	4G	0.04
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seob5144	4G	0.03			
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fcrb5645	4 G	0.03	ncrc1049	4G	0.04
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seob0885	4 G	0.03	miod5707	4G	0.04
fcr5560	4 G	0.03	ncrb8285	4G	0.04
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seoa3038	4 G	0.03	mioc4131	4G	0.04
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seoa2679	4 G	0.03	fcrb6715	4G	0.04
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seob1243	4G	0.03	hfcr2535	4G	0.04
fcrc3605	4G	0.03			0.04
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fcr0490 fcrb6111	4G	0.04			
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	4G	0.04	miod5349	4 I	6.31e-06
miod6016	4G	0.04	mioc3430	4 I	7.49e-06
seob4147	4 G	0.04	seoa8894	4 I	1.1e-05
ncr9337	4G	0.04	mioa9473	4 I	1.36e-05
ncrc4875	4 G	0.04	fcrb3227	4 I	1.45e-05
seoa5258	4 G	0.04	fcrb4534	4 I	1.46e-05
fcrb9714	4 G	0.04	seob2697	4 I	1.66e-05
seob1748	4 G	0.04	seoc0775	4 I	1.67e-05
ncrc5738	4G	0.04	ncr3751		
seoe4484				4 I	1.95e-05
	4G	0.04	seoa4518	4 I	2.47e-05
fcrb5656	4G	0.04	seoa6133	4 I	2.48e∸05
mioc6960	4 G	0.04	miob6562	4 I	2.52e-05
ncrb3541	4 G	0.04	seob0085	4 I	3.04e-05
miod6658	4 G	0.04	seoa8566	4 I	3.22e-05
mioc2728	4 G	0.04	seoa8754	4 I	3.62e-05
fcrc4948	4 G	0.04	mioa2788	4 I	4.4e-05
ncr0132	4 G	0.04	mioa3367	4 I	4.43e-05
seob4363	4G	0.04	ncrc5243	4 I	4.53e-05
ncr2304	4G	0.04	seob3326	4 I	4.9e-05
fcrb4333	4G	0.04			
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fcr6181	4G	0.04	miod5123	4 I	5.49e-05
seob2131	4G	0.04	mioa9179	4 I	5.61e-05
fcr0843	4 G	- 0.04	seob4333	4 I	5.73e-05
fcrb5275	4 G	0.04	seob6853	4 I	5.74e-05
fcrb9382	4 G	0.04	ncrc0729	4 I	5.77e-05
miob2668	4 G	0.04	seoa8916	4 I	5.83e-05
miod0126	4G	0.04	seob3518	4 I	5.95e-05
miod6044	4G	0.04	mioa3963	4 I	6.04e-05
seob0046	4G	0.04	seoa9373	4 I	6.54e-05
miod6731	4G	0.04	mioa4636	4 I	6.55e-05
					0.336 03
tcr4/06		() () ()	ar0471 4T	_	770-05
fcr3706	4G	0.04	cr0471 4I		77e-05
fcr5812	4 G	0.04	miob6430	4 I	7.39e-05
fcr5812 fcrb0130	4 G 4 G	0.04 0.04	miob6430 seoa1940	4 I 4 I	7.39e-05 7.43e-05
fcr5812 fcrb0130 seoa8921	4G 4G 4G	0.04 0.04 0.04	miob6430 seoa1940 mioa3913	4 I 4 I 4 I	7.39e-05 7.43e-05 7.5e-05
fcr5812 fcrb0130 seoa8921 seoa0740	4G 4G 4G 4G	0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892	4 I 4 I 4 I 4 I	7.39e-05 7.43e-05 7.5e-05 7.58e-05
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930	4G 4G 4G 4G 4G	0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042	4 I 4 I 4 I 4 I 4 I	7.39e-05 7.43e-05 7.5e-05 7.58e-05 7.7e-05
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696	4G 4G 4G 4G 4G	0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892	4 I 4 I 4 I 4 I	7.39e-05 7.43e-05 7.5e-05 7.58e-05
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412	4G 4G 4G 4G 4G 4G	0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042	4 I 4 I 4 I 4 I 4 I	7.39e-05 7.43e-05 7.5e-05 7.58e-05 7.7e-05
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696	4G 4G 4G 4G 4G	0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032	4I 4I 4I 4I 4I	7.39e-05 7.43e-05 7.5e-05 7.58e-05 7.7e-05 8.0e-05
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412	4G 4G 4G 4G 4G 4G	0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319	4 I 4 I 4 I 4 I 4 I 4 I 4 I	7.39e-05 7.43e-05 7.5e-05 7.58e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583	4G 4G 4G 4G 4G 4G 4G	0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899	4 I 4 I 4 I 4 I 4 I 4 I 4 I 4 I	7.39e-05 7.43e-05 7.5e-05 7.58e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881	4G 4G 4G 4G 4G 4G 4G 4G	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075	4 I 4 I 4 I 4 I 4 I 4 I 4 I 4 I 4 I	7.39e-05 7.43e-05 7.5e-05 7.58e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129	4G 4G 4G 4G 4G 4G 4G 4G 4G	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092	4I 4I 4I 4I 4I 4I 4I 4I 4I 4I	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.8e-05
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129 fcrb7829	4G 4G 4G 4G 4G 4G 4G 4G 4G 4G	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092 hfcr8902	41 41 41 41 41 41 41 41 41 41 41	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.8e-05 8.84e-05
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129 fcrb7829 miob9700	4G 4G 4G 4G 4G 4G 4G 4G 4G 4G	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092 hfcr8902 mioa1370	41 41 41 41 41 41 41 41 41 41 41 41	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.8e-05 8.84e-05 8.87e-05
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129 fcrb7829 miob9700 ncrc0644	4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092 hfcr8902 mioa1370 seoa9482	41 41 41 41 41 41 41 41 41 41 41 41	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.8e-05 8.84e-05 8.87e-05 9.27e-05
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129 fcrb7829 miob9700 ncrc0644 ncrd9362	4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092 hfcr8902 mioa1370 seoa9482 seob6004	41 41 41 41 41 41 41 41 41 41 41 41	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.8e-05 8.84e-05 8.87e-05 9.27e-05
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129 fcrb7829 miob9700 ncrc0644 ncrd9362 seoe3634	4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092 hfcr8902 mioa1370 seoa9482 seob6004 fcrb8516	41 41 41 41 41 41 41 41 41 41 41 41 41	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.8e-05 8.84e-05 8.87e-05 9.27e-05 9.64e-05 9.9e-05
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129 fcrb7829 miob9700 ncrc0644 ncrd9362 seoe3634 seoa1567	4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092 hfcr8902 mioa1370 seoa9482 seob6004 fcrb8516 hfcr3043	41 41 41 41 41 41 41 41 41 41 41 41 41 4	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.8e-05 8.84e-05 9.27e-05 9.64e-05 9.9e-05 1.0e-04
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129 fcrb7829 miob9700 ncrc0644 ncrd9362 seoe3634 seoa1567 seoc2589	4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092 hfcr8902 mioa1370 seoa9482 seob6004 fcrb8516 hfcr3043 ncrc5434	41 41 41 41 41 41 41 41 41 41 41 41 41 4	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.8e-05 8.84e-05 9.27e-05 9.64e-05 9.9e-05 1.0e-04
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129 fcrb7829 miob9700 ncrc0644 ncrd9362 seoe3634 seoa1567 seoc2589 ncre5107	4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092 hfcr8902 mioa1370 seoa9482 seob6004 fcrb8516 hfcr3043 ncrc5434 fcr4477	41 41 41 41 41 41 41 41 41 41 41 41 41 4	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.8e-05 8.84e-05 9.27e-05 9.27e-05 9.64e-05 9.9e-05 1.0e-04 1.0e-04
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129 fcrb7829 miob9700 ncrc0644 ncrd9362 seoe3634 seoa1567 seoc2589 ncre5107 hfcr1314	4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092 hfcr8902 mioa1370 seoa9482 seob6004 fcrb8516 hfcr3043 ncrc5434 fcr4477 fcrc3739	41 41 41 41 41 41 41 41 41 41 41 41 41 4	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.8e-05 8.84e-05 9.27e-05 9.64e-05 9.9e-05 1.0e-04
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129 fcrb7829 miob9700 ncrc0644 ncrd9362 seoe3634 seoa1567 seoc2589 ncre5107	4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092 hfcr8902 mioa1370 seoa9482 seob6004 fcrb8516 hfcr3043 ncrc5434 fcr4477	41 41 41 41 41 41 41 41 41 41 41 41 41 4	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.8e-05 8.84e-05 9.27e-05 9.27e-05 9.64e-05 9.9e-05 1.0e-04 1.0e-04
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129 fcrb7829 miob9700 ncrc0644 ncrd9362 seoe3634 seoa1567 seoc2589 ncre5107 hfcr1314	4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092 hfcr8902 mioa1370 seoa9482 seob6004 fcrb8516 hfcr3043 ncrc5434 fcr4477 fcrc3739	41 41 41 41 41 41 41 41 41 41 41 41 41 4	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.8e-05 8.84e-05 9.27e-05 9.27e-05 9.64e-05 9.9e-05 1.0e-04 1.01e-04 1.03e-04
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129 fcrb7829 miob9700 ncrc0644 ncrd9362 seoe3634 seoa1567 seoc2589 ncre5107 hfcr1314 seoa2141	4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4	0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092 hfcr8902 mioa1370 seoa9482 seob6004 fcrb8516 hfcr3043 ncrc5434 fcr4477 fcrc3739 fcrb6939 hfcr5919	41 41 41 41 41 41 41 41 41 41 41 41 41 4	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.5e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.8e-05 8.84e-05 9.27e-05 9.27e-05 9.64e-05 9.9e-05 1.0e-04 1.01e-04 1.03e-04 1.04e-04
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129 fcrb7829 miob9700 ncrc0644 ncrd9362 seoe3634 seoa1567 seoc2589 ncre5107 hfcr1314 seoa2141 fcr3053	4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4	0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092 hfcr8902 mioa1370 seoa9482 seob6004 fcrb8516 hfcr3043 ncrc5434 fcr4477 fcrc3739 fcrb6939 hfcr5919 mioa3923	41 41 41 41 41 41 41 41 41 41 41 41 41 4	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.8e-05 8.84e-05 9.27e-05 9.27e-05 9.64e-05 9.9e-05 1.0e-04 1.01e-04 1.03e-04 1.04e-04 1.04e-04
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129 fcrb7829 miob9700 ncrc0644 ncrd9362 seoe3634 seoa1567 seoc2589 ncre5107 hfcr1314 seoa2141 fcr3053 seoc2029 fcr3181	4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4	0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092 hfcr8902 mioa1370 seoa9482 seob6004 fcrb8516 hfcr3043 ncrc5434 fcr4477 fcrc3739 fcrb6939 hfcr5919 mioa3923 seob4427	41 41 41 41 41 41 41 41 41 41 41 41 41 4	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.84e-05 8.87e-05 9.27e-05 9.64e-05 9.9e-05 1.0e-04 1.0e-04 1.01e-04 1.03e-04 1.04e-04 1.12e-04 1.16e-04
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129 fcrb7829 miob9700 ncrc0644 ncrd9362 seoe3634 seoa1567 seoc2589 ncre5107 hfcr1314 seoa2141 fcr3053 seoc2029 fcr3181 ncr3163	4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4	0.04 0.04	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092 hfcr8902 mioa1370 seoa9482 seob6004 fcrb8516 hfcr3043 ncrc5434 fcr4477 fcrc3739 fcrb6939 hfcr5919 mioa3923 seob4427 ncrb4441	41 41 41 41 41 41 41 41 41 41 41 41 41 4	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.8e-05 9.27e-05 9.64e-05 9.9e-05 1.0e-04 1.0e-04 1.01e-04 1.03e-04 1.04e-04 1.12e-04 1.16e-04 1.22e-04
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129 fcrb7829 miob9700 ncrc0644 ncrd9362 seoe3634 seoa1567 seoc2589 ncre5107 hfcr1314 seoa2141 fcr3053 seoc2029 fcr3181 ncr3163 mioc7170	4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4	0.04 0.05 0.06 0.07 0.09	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092 hfcr8902 mioa1370 seoa9482 seob6004 fcrb8516 hfcr3043 ncrc5434 fcr4477 fcrc3739 fcrb6939 hfcr5919 mioa3923 seob4427 ncrb4441 hfcr1137	41 41 41 41 41 41 41 41 41 41 41 41 41 4	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.7e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.84e-05 9.27e-05 9.64e-05 9.9e-05 1.0e-04 1.01e-04 1.01e-04 1.01e-04 1.04e-04 1.12e-04 1.12e-04 1.22e-04 1.23e-04
fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129 fcrb7829 miob9700 ncrc0644 ncrd9362 seoe3634 seoa1567 seoc2589 ncre5107 hfcr1314 seoa2141 fcr3053 seoc2029 fcr3181 ncr3163 mioc7170 mioa2072	4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4	0.04 0.05 0.06 0.07 0.09	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092 hfcr8902 mioa1370 seoa9482 seob6004 fcrb8516 hfcr3043 ncrc5434 fcr4477 fcrc3739 fcrb6939 hfcr5919 mioa3923 seob4427 ncrb4441 hfcr1137 seob0154	41 41 41 41 41 41 41 41 41 41 41 41 41 4	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.5e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.84e-05 9.27e-05 9.64e-05 9.9e-05 1.0e-04 1.01e-04 1.03e-04 1.04e-04 1.04e-04 1.12e-04 1.12e-04 1.12e-04 1.23e-04 1.23e-04
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fcr5812 fcrb0130 seoa8921 seoa0740 fcr5930 mioc4696 miod2412 ncr2583 seoa2795 fcr6881 fcrc0129 fcrb7829 miob9700 ncrc0644 ncrd9362 seoa3634 seoa1567 seoc2589 ncre5107 hfcr1314 seoa2141 fcr3053 seoc2029 fcr3181 ncr3163 mioc7170 mioa2072 seob4303 seob5523	4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4G 4	0.04 0.05 0.06 0.07 0.09	miob6430 seoa1940 mioa3913 fcrb1892 seoa9042 seoa0032 mioa2319 seob5240 ncrc9899 fcr5075 ncrb2092 hfcr8902 mioa1370 seoa9482 seob6004 fcrb8516 hfcr3043 ncrc5434 fcr4477 fcrc3739 fcrb6939 hfcr5919 mioa3923 seob4427 ncrb4441 hfcr1137 seob0154 fcrb1960 seoa0231	4I 4I 4I 4I 4I 4I 4I 4I 4I 4I 4I 4I 4I 4	7.39e-05 7.43e-05 7.5e-05 7.5e-05 7.5e-05 8.0e-05 8.18e-05 8.29e-05 8.35e-05 8.62e-05 8.8e-05 8.84e-05 9.27e-05 9.64e-05 9.9e-05 1.0e-04 1.01e-04 1.03e-04 1.04e-04 1.04e-04 1.12e-04 1.12e-04 1.12e-04 1.23e-04 1.23e-04 1.25e-04

seob6189	4 I	1.32e-04	seoa4053	4 I	3.03e-04
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fcr0253	4 I	1.45e-04	seoa4366	4 I	3.08e-04
seoa2585	41	1.47e-04	seoc6169	4 I	3.11e-04
seoa7652	41	1.5e-04	mioa1585	4 I	3.13e-04
seob3313	41	1.51e-04	hfcr3011	4 I	3.15e-04
seoa4717	4 I	1.52e-04	ncrb8714	4 I	3.15e-04 3.16e-04
seob6851	4 I	1.55e-04	seoa5662		3.10e-04 3.21e-04
fcrb5850	4I	1.56e-04	seoa0486	4 I	
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	4 I	1.6e-04	ncr3837	4 I	3.33e-04
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seoa0959	4 I	1.68e-04	seob5743	4 I	3.48e-04
seob4029	4 I	1.69e-04	mioa5695	4 I	3.5e-04
mioa4014	4 I	1.73e-04	fcrb6968	4 I	3.6e-04
fcrb2704	4 I	1.74e-04	seob7584	4 I	3.63e-04
seob3189	4 I	1.76e-04	fcrb3578	<b>4</b> I	3.7e-04
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seoa2970	4 I	1.77e-04	seob3854	4 I	3.91e-04
seob5748	4 I	-1.79e-04	seob6279	4 I	3.96e-04
ncr7904	4 I	1.8e-04	fcrb8504	4 I	3.99e-04
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seob1231	4 I	1.85e-04	seob3182	4 I	4.09e-04
miod5505	4 I	1.89e-04	hfcr4489	4 I	4.15e-04
fcrb3654	4 I	1.91e-04	fcrb4428	4 I	4.19e-04
seob6751	4 I	2.02e-04	ncr0898	4 I	4.21e-04
mioa6130	4 I	2.04e-04	mioc8057	4 I	4.39e-04
seoc2264	4 I	2.1e-04	miob1231	4 I	4.43e-04
fcr7587	4 I	2.15e-04	fcr5559	4 I	4.69e-04
fcrb2554	4 I	2.2e-04	seoa6497	4 I	4.69e-04
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ncr3197	4 I	2.22e-04	fcr1463	<b>4</b> I	4.77e-04
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fcr4582	4 I	2.27e-04	seob3191	4 I	4.89e-04
fcr4846	4 I	2.28e-04	seob1319	4 I	4.91e-04
fcrc1381	4 I	2.28e-04	miod6845	4 I	4.99e-04
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mioa8970	4 I	2.35e-04	ncrc4597	4 I	5.18e-04
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fcrc5937	4 I	2.36e-04	fcr3664	4 I	5.26e-04
seob1911	4 I	2.39e-04	seob4669	4 I	5.33e-04
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fcrc0075	4 I	2.58e-04	miob9907	4 I	5.82e-04
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ncr4126	4 I	2.91e-04	mioa1662	41	6.2e-04
mioc6260	4 I	2.92e-04	fcrc3750	4 I	6.22e-04
fcrb6012	4 I	3.0e-04	seoall02	4 I	6.3e-04
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miod4759	<b>4</b> I	6.36e-04	seob6272	4 I	9.74e-04
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seob6835		6.58e-04			· -
	4 I		fcr7043	4 I	1.016688e-03
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	4 I	8.04e-04	miob9336	4 I	1.178419e-03
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		1.747109e-03			
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	4 I	5.594557e-03	seob9552	4 I	6.762169e-03
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	4 I	7.452917e-03	seob5319	4 I	8.811962e-03
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mioa6035	4 I	9.789009e-03	seoa4017	4 I	0.01
seoa0003	4 I	9.794242e-03	seob5441	4 I	0.01
seoc4416	4 I	9.841173e-03	mioa9792	4 I	0.01
mioa8998	4 I	9.861386e-03	mioa2536	4 I	0.01
ncrb1802	4 I	9.861386e-03	fcrb5389	4 I	0.01
seob8817	4 I	9.894482e-03			
			miob5412	4 I	0.01
fcrb1578	4 I	9.906745e-03	seoc3876	4 I	0.01
fcr2164	4 I	9.970513e-03	miob4803	4 I	0.01
seoa4452	4 I	9.989774e-03	seoa6393	4 I	0.01
miob8214	4 I	0.01	mioa9033	4 I	0.01
mioc4366	<b>4</b> I	0.01	fcr3823	4 I	0.01
fcr5354	4 I	0.01	ncrb4390	41	0.01
fcr0955	4I	0.01			
			hfcr1101	4 I	0.01
fcrc3240	4 I	0.01	fcrc0350	4 I	0.01
fcr4699	4 I	0.01	fcrb4570	4 I	0.01
ncr0132	4 I	0.01	hfcr6716	4 I	0.01
seoa0511	4 I	0.01	ncrc0292	4 I	0.01
fcrb2713	4 I	0.01	mioc3906	4 I	0.01
miob6797	4 I	0.01	miod6731	41	0.01
ncrb1956		- 0.01	seoc2226	4 I	0.01
fcrb3651	4I	0.01			
			seob8693	4 I	0.01
hfcr0829	4 I	0.01	mioa4064	4 I	0.01
seob1574	4 I	0.01	fcrc0396	4 I	0.01
seoa8556	4 I	0.01	miob9393	4 I	0.01
mioa1285	<b>4</b> I	0.01	ncrc8841	4 I	0.01
fcr2418	4 I	0.01	mioa1626	4 I	0.01
seoa2162	4 I	0.01	seoa7295	4 I	0.01
seob3520	4 I	0.01	ncr0491	41	0.01
seob1383	41	0.01	seob9882	4I	0.01
hfcr6509	41	0.01			
			ncr3434	4 I	0.01
miob4574	41	0.01	miob4322	4 I	0.01
fcr1337	4 I	0.01	miob2700	4 I	0.01
ncrc3624	4 I	0.01	seob3170	4 I	0.01
fcr2167	4 I	0.01	miob4673	4 I	0.01
mioa3812	4 I	0.01	ncrc3529	4 I	0.01
seob1008	4 I	0.01	mioc3958	4 I	0.01
seob6836	4 I	0.01	seoa0172	4 I	0.01
mioa4667	41	0.01	seob5213	4I	0.01
fcr1068	4I	0.01			
			seoa6344	4 I	0.01
mioa7015	41	0.01	ncrc5806	4 I	0.01
seoa8300	4 I	0.01	fcrc0496	4 I	0.01
mioa6585	4 I	0.01	seob0478	4 I	0.01
mioa1394	4 I	0.01	mioc6925	4 I	0.01
hfcr3149	4 I	0.01	fcrb3704	4 I	0.01
fcrb5527	4 I	0.01	mioa5691	4 I	0.01
fcrb5918	4 I	0.01	ncrc5653	41	0.01
seob3699	4 I	0.01			
			ncr4202	4 I	0.01
ncrb8451	4 I	0.01	fcrc1216	4 I	0.01
seoa7266	4 I	0.01	seob6133	4 I	0.01
fcrb3584	4 I	0.01	hfcr1671	4 I	0.01
ncr7668	4 I	0.01	hfcr6256	4 I	0.01
seoa4264	4 I	0.01	fcr1633	4 I	0.01
fcrc2948	4 I	0.01	fcrb1741	4 I	0.01
hfcr2148	4 I	0.01	fcrb6834	4I	0.01
seob3887	41	0.01			
			fcr2958	4 I	0.01
ncrb6087	4 I	0.01	seoa2428	4 I	0.01
mioa6135	4 I	0.01	ncrc6888	4 I	0.01
fcrc5577	41	0.01	seob3731	4 I	0.01
seoc2336	<b>4</b> I	0.01	hfcr4114	4 I	0.01

mioa7323	4 I	0.01	fcrc6119	4 I	0.01
fcrb4388	4 I	0.01	ncrc9304	4 I	0.01
miob6437	4 I	0.01	ncrc3536	4 I	0.01
seoa4460	4 I	0.01	seoa0539	41	0.01
ncrb6432	4 I	0.01	seoa0844	4 I	0.01
seob1426	4 I	0.01	mioa6476	4 I	0.01
miod6961	4 I	0.01	miod7351	4 I	0.01
seob9645	4 I	0.01	fcrc4658	4 I	0.01
fcr4214	4 I	0.01	seoc7281	4 I	0.01
ncr0847	41	0.01			
			seob2938	4 I	0.01
ncrc9217	4 I	0.01	mioc7807	4 I	0.01
mioa5097	4 I	0.01	mioc1060	4 I	0.01
ncrb5197	4 I	0.01	hfcr1127	4 I	0.01
seoa2639	4 I	0.01	hfcr5691	4 I	0.01
mioa2333	4 I	0.01	seoc1230	4 I	0.01
seoc4909	41	0.01	miod0187	4 I	0.01
ncr6142	4 I	0.01			
			miob2375	4 I	0.01
miod4342	4 I	0.01	mioc7370	4 I	0.01
fcrb1689	4 I	0.01	hfcr6640	4 I	0.01
seoa7094	4 I	0.01	seob4570	4 I	0.01
mioc0899	4 I	0.01	fcr1557	4 I	0.01
fcrb3897	4 I	0.01	fcrb3073	41	0.01
seoa4708	41	0.01	seoal653	4 I	
					0.01
mioa9093	4 I	0.01	mioc2546	4 I	0.01
seob0344	41	- 0.01	miob7638	4 I	0.01
hfcr2850	4 I	0.01	miob4860	4 I	0.01
fcr6937	4 I	0.01	mioa9258	4 I	0.01
miod3468	4 I	0.01	seob0263	4 I	0.01
hfcr0521	4 I	0.01	ncrc3408	4 I	0.01
mioc1248	4 I	0.01	miob3411	4 I	0.01
ncrc3453	41	0.01			
			mioa3646	4 I	0.01
miob3763	4 I	0.01	hfcr2314	4 I	0.01
seoa0457	4 I	0.01	fcrb3244	4 I	0.01
fcrc6642	4 I	0.01	seoa0931	4 I	0.01
ncrc3045	4 I	0.01	fcrb2559	4 I	0.01
mioa8622	4 I	0.01	seob7907	4 I	0.01
seoa7212	4 I	0.01	ncrc5813	4 I	0.01
mioc7260	4 I	0.01	miob3471	41	0.01
miod4539	4 I	0.01	fcrb8465	4 I	0.01
miob7373	4 I				
		0.01	seoc2253	4 I	0.01
ncr1235	4 I	0.01	ncr7267	4 I	0.01
ncrc9517	4 I	0.01	ncrb4339	4 I	0.01
ncrc6617	4 I	0.01	mioc7561	4 I	0.01
hfcr1795	4 I	0.01	mioa9666	4 I	0.01
fcrb5588	4 I	0.01	ncrc1765	4 I	0.01
seoc3463	4 I	0.01	ncr8811	41	0.01
fcrb6432	4 I	0.01			
			fcrc5797	4 I	0.01
fcr6881	4 I	0.01	mioa1079	4 I	0.01
seoa3007	4 I	0.01	hfcr3413	4 I	0.01
seoa2957	4 I	0.01	miob0973	4 I	0.01
fcrb1320	4 I	0.01	hfcr0285	4 I	0.01
miod3494	4 I	0.01	seoa4324	4 I	0.01
hfcr7966	4 I	0.01	seoc3870	4 I	0.01
ncrb5264	4 I	0.01	fcr4927	41	
seoc4288	4 I	0.01			0.01
			seoc0394	4 I	0.01
fcrb8119	4 I	0.01	seob4945	4 I	0.01
fcrb2813	4 I	0.01	fcrb4739	4 I	0.01
seob1906	4 I	0.01	fcrb1750	4 I	0.01
mioc6847	4 I	0.01	fcrc0166	4 I	0.01
miob4793	4 I	0.01	seob2011	4 I	0.01
seoa8912	4 I	0.01	ncrc4089	4 I	0.01
fcrb8901	4 I	0.01			
seob4896			seoc0657	4 I	0.01
	4 I	0.01	fcrc2007	4 I	0.01
seob1646	4 I	0.01	ncrc0457	4 I	0.01

seoa3422	4 I	0.01	ncrb7102	4 I	0.01
mioal062	4 I	0.01	hfcr4423	4 I	0.01
seob3464	4 I	0.01	seoa5578	4 I	0.01
miob4157	4 I	0.01	mioc6296	4 I	0.01
ncr8893	4 I	0.01	miod0686		
				41	0.01
seoa3108	4 I	0.01	fcrb9856	4 I	0.01
miob7391	4 I	0.01	ncr6141	4 I	0.01
mioa6091	4 I	0.01	ncr7973	4 I	0.01
ncr3811	4 I	0.01	seoa4727	4 I	0.01
seob5886	4 I	0.01			
			fcrc5671	4 I	0.01
mioc4641	4 I .	0.01	seob6229	4 I	0.01
mioc8379	4 I	0.01	ncrc9024	4 I	0.01
ncrc6708	4 I	0.01	seoa2819	4 I	0.01
seob8104	4 I	0.01	fcrb9639	4 I	0.01
seoa2381	4 I	0.01	seoa3144		
				4 I	0.01
fcrb6251	4 I	0.01	mioa4628	4 I	0.01
fcrc0839	4 I	0.01	fcrb9680	4 I	0.01
seoa2272	4 I	0.01	seoa5742	4 I	0.01
fcrb4995	4 I	0.01	fcrc4045	4 I	0.01
ncr4118	4 I	0.01	fcr7042	4 I	0.01
fcrb2020	<b>4</b> I	0.01	ncrc3358	4 I	0.01
ncrb8392	4 I	0.01	ncrc2273	4 I	0.01
ncr7768	4 I	0.01			
			fcr3323	4 I	0.01
hfcr5150	<b>4</b> I	0.01	ncrb0262	4 I	0.01
seob7658	4 I	-0.01	seoa3639	4 I	0.01
seob1322					
	4 I	0.01	seoa3670	4 I	0.01
ncr3396	4 I	0.01	ncrc9023	4 I	0.01
miob9185	4 I	0.01	ncr0615	4 I	0.01
seoa9724	4 I	0.01	seob7744	4 I	0.01
mioc0140	4 I	0.01	ncrc3072	4 I	0.01
ncrc1176	4 I	0.01	fcrb3298	4 I	0.01
seob5592	4 I	0.01	mioa2156	4 I	0.01
seob9480	4 I	0.01	fcrc6174	4 I	0.01
seob1526	4 I	0.01	ncrc1952	4 I	
					0.01
ncrb6661	4 I	0.01	hfcr0383	4 I	0.02
seob9756	4 I	0.01	ncrb7166	4 I	0.02
miod6947	4 I	0.01			
			miod5698	4 I	0.02
fcr1833	4 I	0.01	hfcr3592	4 I	0.02
fcr3983	4 I	0.01	seob2685	4 I	0.02
mioa1531	4 I	0.01			
			seob1617	4 I	0.02
mioa8796	4 I	0.01	fcr0018	4 I	0.02
seoa6621	4 I	0.01	seob1243	4 I	0.02
hfcr6680	4 I	0.01	ncrb6037	4 I	0.02
fcr6386	4 I	0.01	seob3533	4 I	0.02
miob1946	4 I	0.01	seoa3352	4 I	0.02
seoa3863	4 I	0.01	miod1448	4 I	0.02
fcr1305	4 I	0.01	miob4712	4 I	0.02
fcrb8092	4 I	0.01	seob1513	4 I	0.02
fcrb2596	4 I	0.01	fcrb2658	4 I	0.02
ncrc3141	4 I	0.01	mioc0630	4 I	0.02
seoa8239	4 I	0.01			
			hfcr2505	4 I	0.02
ncrb6327	4 I	0.01	seoc4052	4 I	0.02
fcrb3550	4 I	0.01	seoa0219	4 I	0.02
mioa8539					
	41	0.01	mioa0647	4 I	0.02
fcr5509	4 I	0.01	mioc4766	4 I	0.02
ncr8693	4 I	0.01	mioa0582	4 I	0.02
ncrc9159	4 I	0.01	mioa1055	4 I	0.02
seob2077	4 I	0.01	ncrc5088	4 I	0.02
seob3419	4 I	0.01	seob4192		
				4 I	0.02
ncrc2859	4 I	0.01	fcrc0529	4 I	0.02
mioc0741	4 I	0.01	miod2128	4 I	0.02
fcrb1763	4 I	0.01			
			miob2687	4 I	0.02
mioa0152	4 I	0.01	fcrb5204	4 I	0.02
fcr0712	4 I	0.01	ncr3598	4 I	0.02
			11013330		0.02

ncrb8063	4.7	0 00	1.0010		
	4 I	0.02	seob9818	4 I	0.02
hfcr5232	4 I	0.02	seoa8486	4 I	0.02
fcr2299	4 I	0.02	ncr2717	4 I	0.02
seob3370	4 I	0.02	seoa1582	4 I	0.02
fcrb6062	4 I	0.02	mioc0090	41	0.02
ncr5939	4 I	0.02			
			mioc3930	4 I	0.02
seoa9389	4 I	0.02	hfcr6366	4 I	0.02
miob1337	4 I	0.02	fcrb9751	4 I	0.02
seoa7608	4 I	0.02	seob3356	4 I	0.02
miob8657	4 I	0.02	seob4075	4 I	0.02
ncrb4319	4 I	0.02	ncrb8665		
hfcr0225				4 I .	0.02
•	4 I	0.02	seoa6038	4 I	0.02
seob0831	4 I	0.02	fcrb2866	4 I	0.02
ncrc9483	4 I	0.02	seoa5382	4 I	0.02
seob5645	4 I	0.02	seoa6155	4 I	0.02
fcr2940	4 I	0.02	ncrc5072	41	0.02
mioa2475	4 I	0.02			
			seoa9817	41	0.02
fcrc1660	4 I	0.02	seob7180	4 I	0.02
hfcr0351	4 I	0.02	seoc4505	4 I	0.02
seob9067	4 I	0.02	hfcr3436	4 I	0.02
ncr5713	4 I	0.02	ncrc1402	4 I	0.02
seob0745	4 I	0.02	fcrc4485	4 I	0.02
seoa4023	41	0.02			
			ncr2792	4 I	0.02
fcrb1529	4 I	0.02	ncrc6439	4 I	0.02
ncrc5363	4 I	- 0.02	seob3451	4 I	0.02
seob0763	4 I	0.02	seoa1883	4 I	0.02
fcrb4238	4 I	0.02	fcr5112	4 I	0.02
miod2330	4 I	0.02	fcrb6676	4 I	0.02
hfcr7576	4 I	0.02			
			seob9430	4 I	0.02
seob3415	4 I	0.02	fcr6534	4 I	0.02
fcrc4037	4 I	0.02	ncrc7040	4 I	0.02
hfcr3441	4 I	0.02	miod6068	4 I	0.02
fcrb2876	4 I	0.02	mioc2799	4 I	0.02
miob3396	4 I	0.02	fcrb4252	4 I	0.02
miob6372	4 I	0.02	seob5490	4 I	0.02
fcrb2591	4 I	0.02			
			seob2642	4 I	0.02
seob2807	4 I	0.02	seob7764	4 I	0.02
fcrc4390	4 I	0.02	fcrb2189	4 I	0.02
hfcr3404	4 I	0.02	seob4118	4 I	0.02
fcrb2308	4 I	0.02	seoa8397	4 I	0.02
miod3302	4 I	0.02	seoa5302	41	0.02
ncr0335	4 I	0.02	miob5646		0.02
fcrc4896	4 I	0.02			
			seoa1571	4 I	0.02
seob4676	4 I	0.02	ncr7151	4 I	0.02
fcrc1763	4 I	0.02	hfcr1115	4 I	0.02
seoa6887	4 I	0.02	ncrc9117	4 I	0.02
ncrc7043	4 I	0.02	ncrb0328	4 I	0.02
ncrc3276	4 I	0.02	ncrc1751	4 I	0.02
fcrb2690	4 I	0.02	fcrc0651	4 I	0.02
fcr0593	41	0.02			
			seobl118	4 I	0.02
hfcr2598	4 I	0.02	ncrb0696	4 I	0.02
ncrc3953	4 I	0.02	fcrb1312	4 I	0.02
seoc1934	4 I	0.02	fcrb6734	4 I	0.02
fcrb1721	4 I	0.02	ncrc0640	4 I	0.02
seoc2030	4 I	0.02	ncr5066	4 I	0.02
seob0253	4 I	0.02			
			fcr6573	4 I	0.02
fcrc2131	4 I	0.02	fcr4634	4 I	0.02
seob0872	4 I	0.02	ncr9165	4 I	0.02
ncrc6981	4 I	0.02	mioa8773	4 I	0.02
ncrc3544	4 I	0.02	ncrc2413	4 I	0.02
hfcr5181	4 I	0.02	seob1052	4 I	0.02
seoal584	4 I	0.02	mioc1205	4 I	
seoc1664	4 I	0.02			0.02
			fcrb2784	4 I	0.02
seob4612	4 I	0.02	fcrc5721	4 I	0.02

mioa3342	4 I	0.02	• seoa3287	4 I	0.02
mioa1071	4 I	0.02	seob4992	4 I	0.02
seob4752	4 I	0.02	miob8947	41	
					0.02
hfcr2295	4 I	0.02	miob3690	4 I	0.02
fcrb2430	4 I	0.02	seoa3556	4 I	0.02
seoa6412	4 I	0.02	fcrb1547	4 I	0.02
seoa8597					
	41	0.02	seoa0135	4 I	0.02
seob6153	4 I	0.02	miod1542	4 I	0.02
fcrb1657	4 I	0.02	ncr1912	4 I	0.02
seob2139	4 I	0.02		41	0.02
miob0931	4 I	0.02	mioa8747	4 I	0.02
miod3591	4 I	0.02	ncr5488	4 I	0.02
ncrb2798	4 I	0.02	fcrc0591	41	0.02
ncrc3416	41	0.02	mioa1494	4I	
					0.02
ncr3843	<b>4</b> I	0.02	ncrc1595	4 I	0.02
seoa4158	4 I	0.02	fcr6592	4 I	0.02
ncrb8820	4 I	0.02	seob4835	4 I	0.02
fcrb1962	41	0.02	fcrb2715		
				4 I	0.03
ncrc0115	4 I	0.02	seob2959	<b>4</b> I	0.03
seob9266	4 I	0.02	seob9241	4 I	0.03
seob4424	4 I	0.02	mioa6428	4 I	0.03
ncrc5635	41	0.02	fcrc1019		
				4 I	0.03
seob5044	4 I	0.02	seob4480	4 I	0.03
ncrc2018	<b>4</b> I	0.02	fcr7374	<b>4</b> I	0.03
ncrc4033	4 I	- 0.02	mioa0308	4 I	0.03
fcrb2546	41	0.02			
			ncr8542	4 I	0.03
ncrc4313	<b>4</b> I	0.02	miob7554	4 I	0.03
fcrb5439	4 I	0.02	seob3485	4 I	0.03
fcrb6436	4 I	0.02	seob3076	4 I	0.03
ncr3118	41	0.02	fcrb6747	4I	
					0.03
ncr8112	4 I	0.02	fcrb2040	4 I	0.03
ncrb7726	4 I	0.02	hfcr2789	4 I	0.03
fcrb4921	4 I	0.02	ncr1526	4 I	0.03
fcrb2223	4 I	0.02	ncrc1999	4 I	0.03
hfcr2803					
	4 I	0.02	ncr3705	4 I	0.03
ncrc7131	4 I	0.02	fcrb4696	4 I	0.03
mioc2173	4 I	0.02	seoc0312	41	0.03
ncrb6818	4 I	0.02	ncrc8881	4 I	0.03
seoa8177	41	0.02			
			ncrc0576	4 I	0.03
fcrc2670	<b>4</b> I	0.02	ncrc1665	4 I	0.03
seoa5894	4 I	0.02	seob4537	4 I	0.03
fcrb6426	4 I	0.02	seoa2777	4 I	0.03
ncr9549	41	0.02			
			seoa9060	4 I	0.03
fcr5316	4 I	0.02	fcrb2208	<b>4</b> I	0.03
fcrb1337	4 I	0.02	seob6558	4 I	0.03
miob8341	4 I	0.02	ncr5149	41	0.03
ncrc2888	4 I	0.02			
			miod7337	4 I	0.03
hfcr2629	4 I	0.02	ncrc3321	4 I	0.03
seoa1089	4 I	0.02	fcrc2678	4 I	0.03
hfcr2686	4 I	0.02	seoa2830	4 I	0.03
mioa5531	4 I	0.02	seoa8401	4 I	0.03
hfcr0370	4 I	0.02	hfcr0476	4 I	0.03
fcrc1947	4 I	0.02	fcrc2807	4 I	0.03
ncrb8751	4 I	0.02	fcrb8949	4 I	0.03
miob6456	4 I	0.02	fcr1421	4 I	0.03
ncrc2472					
	4 I	0.02	seob2750	41	0.03
seoa0949	4 I	0.02	fcrb5928	4 I	0.03
fcrb8014	4 I	0.02	mioc0910	4 I	0.03
miod6560	4 I	0.02	ncr3465	4 I	0.03
hfcr0776	4 I	0.02	miod5962	41	0.03
miob1001	4 I	0.02	mioc4420	4 I	0.03
seob6773	4 I	0.02	seoa0014	4 I	0.03
ncrc3551	4 I	0.02	miod6234	4 I	0.03
fcrb1720	41				
10101/20	41	0.02	fcr1887	4 I	0.03

ncrb8203	4 I	0.03	ncrc4794	4 I	0.03
ncrc5019	4 I	0.03	fcr6150	4 I	0.03
seob0182					
	4 I	0.03	ncrb3003	4 I	0.03
ncr2966	4 I	0.03	fcrb5645	4 I ·	0.03
ncrb8821	4 I	0.03	seoa0469	4 I	0.03
hfcr6727	4 I	0.03	hfcr0489	4 I	0.03
fcrb6460	4 I	0.03	mioa4721	4 I	0.03
ncr0429	4 I	0.03	seob5558	4 I	0.03
fcrb3306	4 I	0.03	ncrc1885	4 I	0.03
fcrb9253	4 I	0.03	miob3911	4 I	0.03
seoa7442	4 I				
		0.03	fcr0529	4 I	0.03
miob9666	4 I	0.03	seoc1898	4 I	0.03
ncr4551	4 I	0.03	ncrc4985	4 I	0.03
seoa9930	4 I	0.03	ncrb0864	4 I	0.03
ncrc6861	4 I	0.03	mioc3127		
				4 I	0.03
seob3468	4 I	0.03	mioc4888	4 I	0.03
mioa6582	4 I	0.03	mioa2447	4 I	0.03
seoa9889	4 I	0.03	fcrb6725	4 I	0.03
mioa2268	4 I	0.03	seoa7157	4 I	0.03
fcrb6102	41	0.03			
			miob5916	4 I	0.03
ncr1876	4 I	0.03	ncr3339	4 I	0.03
seoa3359	4 I	0.03	ncr4452	4 I	0.03
mioa8984	4 I	0.03	fcr1173	4 I	0.03
seob0298	4 I	0.03	fcr5755	41	0.03
ncrb2544					
	4 I	- 0.03	mioc8682	4 I	0.03
fcrb2198	4 I	0.03	miob2293	4 I	0.03
seoa7249	4 I	0.03	ncrc4600	4 I	0.03
ncrc4047	4 I	0.03	mioa0533	4 I	0.03
seob8311	4 I	0.03	seob8355	4 I	0.03
mioa8548	4 I	0.03	fcrb2800	4 I	0.03
fcr5222	41	0.03	seoa7369		0.03
seoa3910	4 I	0.03	mioa5326	4 I	0.03
seoc2031	4 I	0.03	hfcr1189	4 I	0.03
hfcr1856	4 I	0.03	fcrb4219	4 I	0.03
fcrb3169	4 I	0.03	ncrb2558	4 I	0.03
fcrc5142	4 I	0.03	ncr1352	4 I	0.03
hfcr2966	41	0.03	ncr1055		
				4 I	0.03
ncr4140	4 I	0.03	fcrb5296	4 I	0.03
seob9847	4 I	0.03	ncrb8189	4 I	0.03
fcrb2592	4 I	0.03	seoal460	4 I	0.03
mioa9060	4 I	0.03	seob8099	4 I	0.03
fcrb4832	4 I	0.03			
			mioc3574	4 I	0.03
mioa1953	41	0.03	fcrb4727	4 I	0.03
fcrb2325	4 I	0.03	miod6324	4 I	0.03
seob7575	4 I	0.03	fcrb4248	4 I	0.03
miob9495	4 I	0.03	ncr0019	4 I	0.03
seoc3883	4 I	0.03	fcrb2472	4 I	0.03
seob3513	41	0.03			
			ncrb2272	4 I	0.03
fcrb8664	4 I	0.03	mioc1910	4 I	0.03
seoa9644	4 I	0.03	fcr2196	4 I	0.03
seob1660	4 I	0.03	ncrb1438	4 I	0.03
mioa8836	<b>4</b> I	0.03	mioc4387	4 I	0.03
ncrc2940	4 I	0.03		41	
			seoa9739		0.03
mioa6913	4 I	0.03	ncr6072	4 I	0.03
fcrb4719	4 I	0.03	ncr3268	4 I	0.03
ncrb0303	4 I	0.03	miob2067	4 I	0.03
mioc5740	4 I	0.03	ncrc0856	4 I	0.03
seob1316	4 I	0.03	fcrb7321	4 I	0.03
fcr4306	4 I	0.03	miob1016	4 I	0.03
seob7981	4 I	0.03	seob7946	4 I	0.03
mioa3203	4 I	0.03	seoa8814	4 I	0.03
miod7486	4 I	0.03	hfcr4462	4 I	0.03
fcrb5720	4 I	0.03	ncr3830	41	0.04
ncr0194	4 I	0.03			
11010134	. T	0.05	ncr4656	4 I	0.04

hfcr5023	4 I	0.04	seob1748	4 I	0.04
seob4150	4 I	0.04	ncrc5738	4 I	0.04
fcr5288	4 I	0.04	fcrb3283	4 I	0.04
ncrc4296	41	0.04	seob1420	41 41	0.04
fcr4954	4I	0.04			
ncrc4000	4I	0.04	fcr6708	4 I	0.04
mioc2592			seoc5285	4 I	0.04
	4 I	0.04	seob5193	4 I	0.04
hfcr7968	4 I	0.04	ncrc3391	4 I	0.04
mioa5461	4 I	0.04	mioa3786	4 I	0.04
ncrc5207	4 I	0.04	seob2555	4 I	0.04
seoa2135	4 I	0.04	fcr6412	4 I	0.04
ncr3934	4 I	0.04	mioc6274	4 I	0.04
mioa2647	4 I	0.04	fcr5176	4 I	0.04
seob4197	4 I	0.04	ncr2304	4 I	0.04
seob4492	4 I	0.04	fcrb4333	4 I	0.04
seoa8870	4 I	0.04	fcr4057	4 I	0.04
fcrb6874	<b>4</b> I	0.04	seob1746	4 I	0.04
ncrc0320	4 I	0.04	seob4213	4 I	0.04
miob5855	4 I	0.04	seob8454	4 I	0.04
seob0846	4 I	0.04	fcr1657	4 I	0.04
fcrb3237	<b>4</b> I	0.04	seoa1358	4 I	0.04
ncrc4798	4 I	0.04	ncrc4247	4 I	0.04
fcrb5751	4 I	0.04	seoa6697	4 I	0.04
seoa7605	4 I	0.04	ncr9975	4 I	0.04
seob1145		0.04	fcrb1017	4 I	0.04
fcr0779	4 I	0.04	fcr0061	4 I	0.04
mioa1944	4 I	0.04	miob2668	4I	0.04
ncrc4226	4 I	0.04	hfcr3022	4 I	0.04
seoa7626	4 I	0.04	hfcr9290	4I	0.04
seoa3761	4 I	0.04	seoa5303	4 I	0.04
seoa9935	4 I	0.04	mioa3439	4 I	0.04
ncrc2928	4 I	0.04	seoal497	4 I	0.04
miob3426	4 I	0.04			0.04
seoa3489	4 I	0.04	seob1057	4 I	
hfcr2516	4 I	0.04	fcrb2744	4 I	0.04
seob1081	4 I	0.04	fcr7026	4 I	0.04
cr0682 4I	0.0		fcr4444	4 I	0.04
seoc0551	41	0.04	fcr5930	4 I	0.04
ncr0547		0.04	fcrc6382	4 I	0.04
mioa0891	4 I		fcrb4375	4 I	0.04
	4 I	0.04	seob0999	4 I	0.04
miob0746 hfcr1304	4 I	0.04	fcrc7240	4 I	0.04
	4 I	0.04	mioa5586	4 I	0.04
mioc6983	4 I	0.04	fcrb5449	4 I	0.04
fcr0511	4 I	0.04	fcrc2455	4 I	0.04
mioc8479	4 I	0.04	fcr5519	<b>4</b> I	0.04
miod1108	4 I	0.04	miod2323	4 I	0.04
seoa2041	4 I	0.04	ncrc4994	4 I	0.04
seob3751	4 I	0.04	mioa7299	4 I	0.04
seob0185	4 I	0.04	ncr0176	4 I	0.04
hfcr1202	4 I	0.04	hfcr0496	4 I	0.04
seob3734	4 I	0.04	seoa8921	4 I	0.04
ncr0531	4 I	0.04	ncrc9331	4 I	0.04
fcrc0559	4 I	0.04	ncr7345	4 I	0.04
miob3131	4 I	0.04	hfcr2544	4 I	0.04
fcrb7584	4 I	0.04	hfcr1314	4 I	0.04
seoc1159	4 I	0.04	seoa2141	4 I	0.04
seoc0778	4 I	0.04	fcrb9714	4 I	0.04
miob0939	4 I	0.04	miod7440	4 K	2.44e-07
fcrb2754	4 I	0.04	seoc2029	4 K	6.23e-07
fcrc4068	4 I	0.04	mioc7170	4 K	2.53e-06
ncr9596	4 I	0.04	mioc2561	4 K	3.17e-06
ncrc4875	4 I	0.04	mioa2072	4 K	3.26e-06
seob0497	4 I	0.04	seob4419	4 K	4.27e-06
fcrb1724	4 I	0.04	fcrc3993	4K	4.37e-06
		-			2.076 00

6000	4				
seoa6032	4K	5.48e-06	mioa6418	4 K	7.09e-04
miod5349	4 K	6.31e-06	miod1925	4 K	7.23e-04
seoa8894	4 K	1.1e-05	mioc4089	4 K	7.46e-04
seob2697	4 K	1.66e-05	mioc7362	4 K	7.52e-04
ncr3751	4 K	1.95e-05	seob9960		
seoa4518				4 K	7.63e-04
	4 K	2.47e-05	seoa8388	4 K	7.64e-04
miob6562	'4 K	2.52e-05	fcrc6976	4 K	7.65e-04
seoa8566	4 K	3.22e-05	seob3303	4 K	7.67e-04
ncr7668	4 K	4.63e-05	seob9574	4 K	7.88e-04
fcrb3578	4 K	4.7e-05	fcrb1496	4 K	8.19e-04
miod5123	4 K	5.49e-05			
seob4333			hfcr0478	4 K	8.43e-04
	4 K	5.73e-05	ncrc2080	4 K	8.53e-04
mioa3963	4 K	6.04e-05	mioa5355	4 K	8.58e-04
miod7421	4 K	6.08e-05	ncr8041	4 K	8.61e-04
seoa9373	4 K	6.54e-05	fcr0824	4 K	8.62e-04
mioa1370	4 K	8.87e-05	ncrc9784	4K	8.77e-04
mioc8410	4 K	9.18e-05	fcrc7102	4K	8.87e-04
fcrb7339	4 K	9.87e-05			
			fcrb2556	4 K	8.98e-04
fcrb8516	4 K	9.9e-05	mioc4667	4 K	9.01e-04
fcrc3739	4 K	1.03e-04	miob7156	4 K	9.1e-04
fcrb0265	4 K	1.2e-04	fcrc3048	4K	9.26e-04
seob6189	4 K	1.32e-04	miod5369	4 K	9.71e-04
miod7414	4 K	1.36e-04	fcr2798	4 K	9.78e-04
mioc2094	4 K	1.38e-04	hfcr6486		
fcr0253	4K			4 K	9.83e-04
		-1.45e-04	fcrb7240	4 K	1.015969e-03
ncr0223	4 K	1.5e-04	hfcr5381	4 K	1.016874e-03
fcrb2536	4 K	1.53e-04	miob7105	4 K	1.073216e-03
seob6851	4 K	1.55e-04	miob3982	4 K	1.105438e-03
fcrb5850	4 K	1.56e-04	miod5310	4 K	1.129688e-03
miob8812	4 K	1.56e-04	mioa3395	4 K	1.154329e-03
fcrb3461	4 K	1.6e-04	fcrb1539		
seob5748	4K	1.79e-04		4 K	1.177578e-03
			miob9336	4K	1.178419e-03
hfcr2390	4 K	1.83e-04	hfcr6406	4 K	1.239885e-03
hfcr3256	4 K	2.23e-04	miod1942	4 K	1.305311e-03
fcrc1381	4 K	2.28e-04	ncr4539	4 K	1.309997e-03
miob0167	4 K	2.32e-04	seoal844	4 K	1.345317e-03
seob0065	4 K	2.35e-04	mioc2880	4 K	1.356947e-03
fcrc5937	4 K	2.36e-04	mioc2348	4 K	1.386736e-03
seoc0999	4 K	2.44e-04	miod6038		1.395436e-03
fcrc0554	4K	2.48e-04		4 K	
			ncr7753	4 K	1.444958e-03
hfcr1073	4 K	2.54e-04	mioc6987	4 K	1.45158e-03
seob4191	4 K	2.69e-04	seob6486	4 K	1.458125e-03
mioc2726	4 K	2.7e-04	fcr3101	4 K	1.487316e-03
miob8694	4 K	2.87e-04	ncr7595	4 K	1.511845e-03
mioc6260	4 K	2.92e-04	fcr4128	4 K	1.53383e-03
seoa4053	4 K	3.03e-04	fcrb8187	4 K	1.573331e-03
ncr1631	4 K	3.07e-04	seoa9740		
seoa2949	4K	3.29e-04		4 K	1.598061e-03
			mioa3080	4 K	1.603678e-03
fcr2573	4 K	3.43e-04	mioa0494	4 K	1.619093e-03
seob7584	4 K	3.63e-04	mioc0052	4 K	1.624699e-03
fcr5779	4 K	4.02e-04	miob9209	4 K	1.634228e-03
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fcrb4428	4 K	4.19e-04	mioa1015	4 K	1.68644e-03
mioc2911	4 K	4.49e-04	seob0304	4 K	1.693307e-03
fcr1463	4 K	4.77e-04			
			fcrb3165	4 K	1.760242e-03
ncrc4757	4 K	5.23e-04	fcrc2099	4 K	1.790284e-03
seob9282	4K	5.33e-04	seob1766	4 K	1.794891e-03
seoa7530	4 K	5.56e-04	fcrc5516	4 K	1.799844e-03
seoc6703	4 K	5.75e-04	seob6506	4 K	1.826439e-03
seoa4739	4 K	5.91e-04	fcrb8940	4 K	1.834572e-03
seob9145	4 K	6.11e-04	fcrb8161		1.885852e-03
fcrc6826	4K	6.39e-04		4 K	
mioa2537			ncrc9729	4 K	1.919544e-03
	4 K	6.62e-04	seoc4380	4 K	1.956915e-03
fcrc3009	4 K	6.69e-04	ncrc0150	4 K	1.985831e-03

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ncr5397	4 K	2.00365e-03	miod4686	4 K	4.657868e-03
miod5894	4 K	2.014527e-03	ncrc5150	4 K	4.691321e-03
seob4560	4 K	2.021887e-03	seoa7129	4 K	4.719984e-03
mioc0824	4 K	2.034483e-03	ncrb4912	4K	4.752707e-03
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fcrc6916	4 K	2.121527e-03	fcrc6174	4K	4.953862e-03
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miod2525	4 K	2.174809e-03	seob1318	4 K	5.055898e-03
fcrb2624	4 K	2.174826e-03	fcrc0430	4K	5.084925e-03
fcrb6187	4 K	2.177878e-03	fcrb2310	4K	5.087043e-03
seoa0115	4 K	2.17824e-03	miob8583	4K	5.097523e-03
seoc1906	4 K	2.1992e-03	ncr2862	4 K	5.163569e-03
fcr3121	4 K	2.234303e-03	miob6364	4K	5.172374e-03
fcrc0695	4 K	2.279562e-03	ncrc5500	4K	5.175143e-03
fcrc6016	4 K	2.3165e-03	seob3204	4K	5.176722e-03
miob1326	4 K	2.329343e-03	mioa8946	4K	5.170722e-03 5.185969e-03
miob4475	4K	2.330183e-03	miod2639	4K	5.218734e-03
fcrc5142	4 K	2.464685e-03	miod3592	4K	5.253602e-03
miob8143	4K	2.489145e-03	fcrc6563		
seoa3670	4K	2.543649e-03	ncrb1398	4 K	5.282794e-03
ncrc1578	4K	2.579378e-03		4 K	5.295501e-03
miod4332	4K	2.601957e-03	miod3854	4 K	5.307923e-03
ncrc5061	4 K	2.601937e=03 2.618499e=03	miod3254	4 K	5.326719e-03
seoc0369	4 K		fcrc1745	4K	5.32716e-03
seoc0309 seoc0276		- 2.638551e-03	mioc8619	4K	5.353299e-03
	4 K	2.725532e-03	ncrc9758	4K	5.427537e-03
fcr0999	4 K	2.730498e-03	ncr9429	4 K	5.458161e-03
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fcrb4391	4 K	2.852331e-03	mioc0222	4K	5.512684e-03
fcr0224	4 K	2.870823e-03	fcrb6650	4K	5.525357e-03
miob8146	4 K	2.888517e-03	fcrb7852	4K	5.667225e-03
mioa7140	4 K	2.898369e-03	mioa3471	4 K	5.716154e-03
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mioa2185	4 K	3.147097e-03	fcr0608	4K	6.096137e-03
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fcrb3017	4 K	3.376066e-03	seob07.03	4K	6.50097e-03
miob9065	4 K	3.456747e-03	mioc2166	4 K	6.609859e-03
fcrb2307	4 K	3.463155e-03	ncr4545	4 K	6.618737e-03
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seob2797	4 K	3.6022e-03	seob5500	4 K	6.672454e-03
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seob9750	4 K	3.708927e-03	ncr7631	4 K	6.713476e-03
fcr6018	4 K	3.762242e-03	fcrc1607	4 K	6.799098e-03
hfcr0370	4 K	3.8121e-03	hfcr1760	4 K	6.835569e-03
seob1187	4 K	3.817075e-03	hfcr5987	4 K	6.867295e-03
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miod6018	4 K	4.139368e-03	ncrc2495	4 K	6.966429e-03
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miod4140	4 K	4.240281e-03	mioa1337	4 K	7.012816e-03
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fcrb8467	4 K	4.415815e-03	hfcr1914	4 K	7.057729e-03
mioc0347	4 K	4.417094e-03	seob7474	4 K	7.109226e-03
mioa0890	4 K	4.570501e-03	mioa0249	4 K	7.184179e-03
mioa0909	4 K	4.589875e-03	mioa6093	4 K	7.268139e-03
fcrb2318	4 K	4.630688e-03	ncrc6687	4 K	7.304834e-03

	4 77	7 205500 00			
seobl191	4 K	7.325599e-03	miod7457	4K	0.01
miob4058	4 K	7.329008e-03	hfcr2148	4 K	0.01
fcrb8542	4 K	7.350932e-03	seob3887	4K	0.01
fcr5723	4 K	7.369143e-03	fcr2598	4K	0.01
seoc3993	4 K	7.378389e-03	mioa6135	4K	0.01
seob6560	4 K	7.500236e-03	mioc4009	4 K	0.01
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fcrc5142	4 M	2.464685e-03	miod3854	4 M	5.307923e-03
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seob2797	4 M	3.6022e-03	ncr7631	4 M	6.713476e-03
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fcrb8467	4 M	4.415815e-03	miob7309	4 M	8.045055e-03
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mioa6621	4M	4.904983e-03			
mioa9831	4M	4.946737e-03	fcrb1684	4 M	8.355442e-03
			ncrc6264	4 M	8.530558e-03
forb1202	4M	5.050003e-03	fcrc7388	4 M	8.574251e-03
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fcrb2310	4M	5.087043e-03	miob1506	4 M	8.830271e-03
miob8583	4 M	5.097523e-03	fcrc1834	4 M	8.876728e-03
ncr2862	4 M	5.163569e-03	seoa5547	4 M	8.932311e-03
ncr3313	4 M	5.18529e-03	mioa2413	4 M	9.000025e-03
mioa8946	4 M	5.185969e-03	fcrb3894	4 M	9.03812e-03
miod3592	4 M	5.253602e-03	fcrb2299	4 M	9.0502e-03
fcrc6563	4 M	5.282794e-03	seob3415	4 M	9.05062e-03

mioa2652	4 M	9.114417e-03	mioa4014	4 M	0.01
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miod1574	4 M	9.196145e-03	mioa1279	4M	0.01
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mioc4835	4 M	9.495048e-03	seoa5552	4M	0.01
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mioc4022	4 M	9.984425e-03	miod6041	4M	0.01
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mioc4366				4 M	0.01
	4 M	0.01	mioa2421	4 M	0.01
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seoa7094	4 M	0.01	miod0686	4M	0.01
* -		•		41.1	0.01

mi ab 1700	414	0 01	5	434	0 00
miob1789	4M	0.01	fcrb5393	4 M	0.02
ncrc9024	4 M	0.01	ncrc0883	4 M	0.02
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mioc7360	4 M	0.03	mioa3913	40	7.5e-05
fcrb4219	4 M	0.03	seoa0032	40	8.0e-05
mioc6385	4 M	0.03	mioa1370	40	
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miob0361	4 M	0.03			
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fcrb9390					2.15e-04
	4 M	0.04	fcr4582	40	2.27e-04
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ncr1437	4 M	0.04	ncr6232	40	3.38e-04
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seoc5285	4 M	0.04	fcr0224	40	4.62e-04
seoa0174	4 M	0.04	seob1319	40	4.91e-04
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mioc3618	4 M	0.04	ncrc4757		
seob6582				40	5.23e-04
	4 M	0.04	fcr3664	40	5.26e-04
seob6198	4 M	0.04	seob9145	40	6.11e-04
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fcr0860	4 M	0.04	fcrc6826	40	6.39e-04
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fcrb5639	4 M	0.04	fcrb9588	40	6.74e-04
seoa0740	4 M	0.04	mioa6418	40	7.09e-04
fcr5930	4M	0.04			
			miob0865	40	7.17e-04
mioc4696	4 M	0.04	mioc7362	40	7.52e-04
miod2412	4 M	0.04	ncrb4039	40	7.64e-04
seob1972	4 M	0.04	seob3303	40	7.67e-04
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mioa5355	40	8.58e-04	seoc1230		
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		8.62e-04	fcrb7981	40	2.62789e-03
ncrc9784	40	8.77e-04	ncrc3408	40	2.651987e-03
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seoa8348	40	9.56e-04	mioc8434	40	2.661058e-03
fcrb9420	40	9.64e-04	miob1946	40	2.682567e-03
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seob2936	40	1.039004e-03	seoa0563	40	2.731117e-03
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	40	1.610297e-03	ncrc9023	40	3.400776e-03
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seoa1598	40	1.770719e-03	hfcr0676	40	3.735778e-03
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seoc1025	40	2.021007e-03 2.02575e-03		40	3.979023e-03
seob0201			seoa2442	40	4.093483e-03
	40	2.050861e-03	seob3869	40	4.093483e-03
fcr5470	40	2.060807e-03	seoa2641	40	4.10684e-03
fcr4782	40	2.115262e-03	seoa5554	40	4.201202e-03
fcrb9843	40	2.120966e-03	fcrb9694	40	4.20251e-03
fcrb6187	40	2.177878e-03	ncrc4531	40	4.208322e-03
mioa8851	40	2.23281e-03	mioc0567	40	4.279318e-03
fcr7419	40	2.260166e-03	mioc3716	40	4.281847e-03
fcrc0695	40	2.279562e-03	mioc0630	40	4.288784e-03
ncrc1103	40	2.30949e-03	fcr1657	40	4.312428e-03
fcrc6119	40	2.31135e-03	ncr7973	40	4.312428e-03
seob5743	40	2.31135e-03	mioa2475	40	4.318525e-03
seoa1065	40	2.312579e-03	seoa9711	40	4.329889e-03
miod6467	40	2.34447e-03	miob8226	40	4.470203e-03
	- •		WTOD0550	40	4.4/02036-03

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mioa8811	40	4.52055e-03	ncrc6712	40	6.41394e-03
seob3154	40	4.531125e-03	seoc0394	40	6.498391e-03
ncrc5760	40	4.601184e-03	ncrb8343	40	6.552284e-03
mioa1427	40	4.633362e-03	mioa9581	40	6.573012e-03
ncrc3840	40	4.633362e-03	seoa5911	40	6.597064e-03
seoa2978	40	4.686163e-03	mioa1303	40	6.633139e-03
fcrc7047	40	4.744327e-03	seob4191	40	6.654737e-03
ncrb4912	40	4.752707e-03	seoa1559	40	6.671142e-03
fcr0707	40	4.772856e-03	fcrb2765	40	6.689668e-03
mioa6739	40	4.778158e-03	ncr4384	40	6.700762e-03
seob9756	40	4.787117e-03	fcrb5087	40	6.714694e-03
miob4673	40	4.802836e-03	seob9552	40	6.762169e-03
seob3151	40	4.834042e-03	fcrb3841	40	6.780973e-03
mioa0826	40	4.884238e-03	seoa1529	40	6.829367e-03
fcrb4415	40	4.898061e-03	hfcr1760	40	6.835569e-03
seob0185	40	4.919496e-03	miod6560	40	6.859782e-03
mioa9831	40	4.946737e-03	seoa0926	40	6.867921e-03
ncrb8207	40	5.048159e-03	miod3079	40	6.91873e-03
fcrb4579	40	5.048574e-03	fcrb8852	40	6.991416e-03
seoa0501	40	5.071997e-03	ncrc4600	40	7.01528e-03
fcrc0430	40	5.084925e-03	hfcr1914	40	
ncrc5500	40	5.175143e-03	miob0636		7.057729e-03
hfcr5009	40	5.200779e-03	fcrb9751	40	7.05796e-03
fcrb4241	40	5.25156e-03		40	7.132232e-03
fcrc6563	40	5.282794e-03	fcrb8908	40	7.17729e-03
fcr0768			fcr5339	40	7.199684e-03
	40	5.301658e-03	ncr3948	40	7.237837e-03
miod5703	40	5.307234e-03	miod6213	40	7.325332e-03
seob8092	40	5.307234e-03	seob1191	40	7.325599e-03
miod3254	40	5.326719e-03	seoc3993	40	7.378389e-03
seoa5396	40	5.362874e-03	ncr3035	40	7.454459e-03
mioc2074	40	5.414445e-03	seoa7078	40	7.471779e-03
mioc1609	40	5.451025e-03	seob6560	40	7.500236e-03
seob1318	40	5.452083e-03	mioc6925	40	7.512586e-03
seob0031	40	5.509288e-03	fcrc6642	40	7.539399e-03
seob5726	40	5.548229e-03	miod6162	40	7.584327e-03
miod4539	40	5.585447e-03	seoa2363	40	7.617361e-03
seoa0219	40	5.585447e-03	miob4574	40	7.632732e-03
fcrb9871	40	5.592316e-03	seob2169	40	7.634987e-03
fcr3282	40	5.608041e-03	seoc1898	40	7.715363e-03
mioa2158	40	5.639619e-03	seob7729	40	7.786058e-03
mioa9630	40	5.670246e-03	seob6177	40	7.843092e-03
ncrc3468	40	5.832748e-03	seoa0913	40	7.91186e-03
miob9052	40	5.833135e-03	fcr4634	40	7.917348e-03
fcr1496	40	5.876385e-03	miob8812	40	7.917348e-03
seoa2135	40	5.876385e-03	seob1793	40	7.917348e-03
miob9666	40	5.888003e-03	miob3911	40	7.927059e-03
seoa1552	40	5.896449e-03	mioc7998	40	7.939586e-03
fcr1844	40	5.913324e-03	seob9872	40	7.94076e-03
fcrb6896	40	5.949973e-03	mioc0375	40	7.952967e-03
seoa4524	40	5.958281e-03	fcrb6768	40	7.961352e-03
miob3684	40	5.971717e-03	hfcr5905	40	8.045743e-03
fcr5536	40	6.049129e-03	miob2227	40	8.045772e-03
seoc2131	40	6.08684e-03	hfcr6501	40	8.058052e-03
fcr0608	40	6.096137e-03	fcrb1329	40	8.164602e-03
mioc7444	40	6.13308e-03	fcrc5160	40	8.176648e-03
seoa3704	40	6.146625e-03	ncrc9483	40	8.178505e-03
miod5612	40	6.180534e-03	fcr4129	40	8.215271e-03
mioa4057	40	6.188583e-03	seoc2220	40	8.240295e-03
ncrb6833	40	6.229488e-03	fcrb6676	40	8.311707e-03
ncrc2635	40	6.269334e-03	fcrc2678	40	8.311707e-03
mioa2013	40	6.287512e-03	ncrb6192		
seob9485	40	6.301111e-03		40	8.312148e-03
fcrc6174	40	6.350026e-03	seoa4070	40	8.351138e-03
ncr8811	40	6.352352e-03	seoa1104	40	8.378822e-03
	40	0.3323326-03	ncrc4089	40	8.390818e-03

seoa8232         40         8.459463e-03         fcr0990         40         0.01           seob8055         40         8.459463e-03         mioc5103         40         0.01           seob4972         40         8.59936e-03         fcrc0350         40         0.01           ncrc4079         40         8.723061e-03         fcrb5100         40         0.01           ncr1282         40         8.739728e-03         ncr5781         40         0.01           seob6026         40         8.755905e-03         hfcr2148         40         0.01           seoc1023         40         8.755905e-03         mcr6011         40         0.01           fcrb1503         40         8.957311e-03         seob1916         40         0.01           seoc1023         40         8.957311e-03         seob1916         40         0.01           mioa3629         40         8.96797e-03         fcrb3135         40         0.01           ncr3496         40         9.054835e-03         miob5412         40         0.01           ncr9428         40         9.15208e-03         seoa23389         40         0.01           seoa49945         40         9.15208e-03 <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th></th<>						
seeb4972         40         8.59936e-03         fccr0350         40         0.01           hfcr1795         40         8.723061e-03         miob8627         40         0.01           ncre4079         40         8.723061e-03         fcrb5100         40         0.01           seob6026         40         8.738728e-03         ncr5781         40         0.01           seoc1234         40         8.859639e-03         fcrc6011         40         0.01           fcrb1503         40         8.94593e-03         seob3887         40         0.01           seoc1023         40         8.957311e-03         seob1916         40         0.01           seoc1023         40         8.957311e-03         seob1916         40         0.01           mioa3629         40         8.95731e-03         miod4464         40         0.01           mioa7496         40         9.054107e-03         fcrb3135         40         0.01           ncr0667         40         9.054835e-03         miob5412         40         0.01           seoa24945         40         9.15208e-03         seoa23939         40         0.01           seoa4945         40         9.263207e-03	seoa8232	40	8.450517e-03	fcr0990	40	0.01
seeb4972         40         8.59936e-03         fcrc0350         40         0.01           nfcr1795         40         8.723061e-03         miob8672         40         0.01           ncr4079         40         8.738728e-03         ncr5781         40         0.01           seob6026         40         8.738728e-03         ncr5781         40         0.01           fcrc1834         40         8.859639e-03         fcrc6011         40         0.01           fcrb1503         40         8.94593e-03         scob1916         40         0.01           seco1023         40         8.957311e-03         seob1916         40         0.01           mioa3629         40         8.957311e-03         seob1916         40         0.01           mioa3629         40         9.97897e-03         fcrb3702         40         0.01           ncr04878         40         9.054107e-03         fcrb3702         40         0.01           ncr03496         40         9.054107e-03         seo32141         40         0.01           seoa24945         40         9.15208e-03         mioa542         40         0.01           seoa4945         40         9.154014e-03 <t< td=""><td>seob8065</td><td>40</td><td>8.459463e-03</td><td>mioc5103</td><td>40</td><td>0.01</td></t<>	seob8065	40	8.459463e-03	mioc5103	40	0.01
nfcr1795         40         8.723061e-03         miob8627         40         0.01           ncr1282         40         8.738728e-03         fcrb5100         40         0.01           seob6026         40         8.738728e-03         ncr5781         40         0.01           seoc1234         40         8.859639e-03         fcrcf011         40         0.01           fcrb1503         40         8.94593e-03         seob3887         40         0.01           fcrb1503         40         8.94593e-03         seob1916         40         0.01           mioa3629         40         8.97697e-03         fcrb3135         40         0.01           mioa7077         40         9.037843e-03         miod4464         40         0.01           ncr04428         40         9.054835e-03         miod5412         40         0.01           ncr04428         40         9.105404e-03         seoa2141         40         0.01           ncr0448         40         9.152008e-03         seoa2141         40         0.01           ncr04948         40         9.15404e-03         miod884         40         0.01           ncr04945         40         9.154014e-03 <td< td=""><td>seob4972</td><td>40</td><td>8.59936e-03</td><td>fcrc0350</td><td></td><td></td></td<>	seob4972	40	8.59936e-03	fcrc0350		
ncrc4079 40 8.723061e-03 fcrb5100 40 0.01 seob6026 40 8.785798e-03 ncr5781 40 0.01 seoc1234 40 8.859639e-03 fcrc6011 40 0.01 fcrc1834 40 8.859639e-03 fcrc6011 40 0.01 fcrc1834 40 8.89639e-03 seob8887 40 0.01 seoc1023 40 8.95639e-03 mioa6135 40 0.01 seoc1023 40 8.957311e-03 seob1916 40 0.01 nioa3629 40 8.957697e-03 fcrb3135 40 0.01 nioa3629 40 8.97697e-03 fcrb3135 40 0.01 nica3629 40 8.95697e-03 fcrb3135 40 0.01 ncr3496 40 9.054107e-03 fcrb3702 40 0.01 ncr2496 40 9.054835e-03 miob5412 40 0.01 ncr2489 40 9.100754e-03 seoa2141 40 0.01 ncr9428 40 9.150754e-03 seoa2141 40 0.01 seob4945 40 9.155008e-03 seoa9389 40 0.01 mioa89649 40 9.155008e-03 seoa9389 40 0.01 ncr0383 40 9.204501e-03 fcrb5702 40 0.01 ncr0383 40 9.204501e-03 fcrb5702 40 0.01 ncr0383 40 9.204501e-03 fcrb5702 40 0.01 ncr0383 40 9.294641e-03 fcrb5702 40 0.01 ncr0383 40 9.294641e-03 fcrb5702 40 0.01 ncr0383 40 9.294641e-03 fcrb5702 40 0.01 ncr0383 40 9.29563e-03 seoa7478 40 0.01 ncr0818199 40 9.511612e-03 mioa4064 40 0.01 ncr8199 40 9.599163e-03 seoa7478 40 0.01 ncr6819 40 9.678381e-03 mioa5603 40 0.01 ncr08173 40 9.678381e-03 mioa5603 40 0.01 ncr08183 40 9.9674381e-03 fcrb6553 40 0.01 ncr08183 40 9.9674381e-03 fcrb6990 40 0.01 ncr08187 40 9.678381e-03 seoa7478 40 0.01 ncr08187 40 9.864887e-03 seob7677 40 0.01 ncr08187 40 9.864887e-03 seob7686 40 0.01 ncr08187 40 9.846887e-03 seob7686 40 0.01 ncr08187 40 9.846887e-03 seob7687 40 0.01 ncr08187 40 9.846887e-03 seob7687 40 0.01 ncr61814 40 0.01 fcrb3704 40 0.01 ncr61814 40 0.01 fcrb3704 40 0.01 ncr61814 40 0.01 fcrb3704 40 0.01 ncr61804 40 0.01 fcrb3704 40 0.01 ncr61809 40 0.01 fcrb3809 40 0.01 ncr61809 40	hfcr1795	40				
ncr1282						
seob0026         40         8.755905e-03         fcrc1148         40         0.01           seoc1234         40         8.859639e-03         fcrc6011         40         0.01           fcr1834         40         8.876728e-03         seob3887         40         0.01           fcr151503         40         8.9459311e-03         seob1916         40         0.01           seoc1023         40         8.97697e-03         fcrb3135         40         0.01           mioa6707         40         9.0378438e-03         mio44464         40         0.01           ncr0467         40         9.054107e-03         fcrb3702         40         0.01           ncr0428         40         9.054835e-03         mio5412         40         0.01           seo4945         40         9.152008e-03         seoa9389         40         0.01           seo49593         40         9.154014e-03         mico80884         40         0.01           seoa5933         40         9.204501e-03         fcrb4522         40         0.01           seoa5933         40         9.245207e-03         fcrb4570         40         0.01           ncr0101         40         9.315893e-03						
secol 234         40         8.859639e-03         fcrc6011         40         0.01           fcrb1503         40         8.94593e-03         seob3887         40         0.01           fcrb1503         40         8.94593e-03         mioa6135         40         0.01           seoc1023         40         8.97697e-03         fcrb3702         40         0.01           mioa0707         40         9.034107e-03         fcrb3702         40         0.01           ncr0667         40         9.054107e-03         seoa2141         40         0.01           ncr09428         40         9.100754e-03         seoa29389         0         0.01           seoa4945         40         9.152008e-03         miod884         40         0.01           seoa5933         40         9.263207e-03         fcrb5422         40         0.01           ncr00383         40         9.263207e-03         fcrb5422         40         0.01           ncr01010         40         9.315893e-03         fcrb5422         40         0.01           ncr02189         40         9.511612e-03         mioa4064         40         0.01           ncr8199         40         9.59163e-03         <						
fcrc1834 40 8.876728e-03 seob3887 40 0.01 fcrb1503 40 8.94593e-03 mioa6135 40 0.01 seoc1023 40 8.957311e-03 seob1916 40 0.01 mioa3629 40 8.957697e-03 fcrb3153 40 0.01 mioa3629 40 8.957697e-03 fcrb3153 40 0.01 mioa3629 40 9.0584107e-03 fcrb3702 40 0.01 ncr3496 40 9.054813se-03 miob5412 40 0.01 ncr204667 40 9.054813se-03 miob5412 40 0.01 ncr20428 40 9.100754e-03 seoa2141 40 0.01 seob4945 40 9.155008e-03 seoa9389 40 0.01 mioa5964 40 9.155008e-03 miod6884 40 0.01 seoa5933 40 9.204501e-03 hfcr5237 40 0.01 ncr0383 40 9.204501e-03 hfcr5237 40 0.01 ncr0383 40 9.294641e-03 fcrb5422 40 0.01 ncr0383 40 9.294641e-03 fcrb5422 40 0.01 ncr0383 40 9.294641e-03 fcrb6553 40 0.01 mioa8619 40 9.511612e-03 mioa4064 40 0.01 ncr8199 40 9.599163e-03 seoa7478 40 0.01 seoa6070 40 9.602104e-03 fcr66990 40 0.01 ncr01873 40 9.678381e-03 mioa4064 40 0.01 ncr01873 40 9.678381e-03 mioa6063 40 0.01 ncr02780 40 9.789009e-03 ncr0491 40 0.01 ncr02780 40 9.789009e-03 ncr0491 40 0.01 ncr02780 40 9.964178e-03 seob881 40 9.96487e-03 seob881 40 9.994482e-03 seob881 40 0.01 ncr02780 40 9.964178e-03 seob881 40 0.01 ncr02780 40 9.964178e-03 seob882 40 0.01 ncr02780 40 9.96487e-03 seob882 40 0.01 ncr02780 40 9.99482e-03 mioa5773 40 0.01 ncr02780 40 9.99482e-03 mioa5773 40 0.01 ncr02780 40 9.99482e-03 seob7637 40 0.01 ncr6426 40 9.999082e-03 mioa5958 40 0.01 ncr6426 40 9.999082e-03 mioa5958 40 0.01 ncr6426 40 0.91 fcrb1578 40 0.01 fcrb1578 40 0.01 fcrb946 40 0.01 fcrb946 40 0.01 fcrb947 40 0.01 fcrb947 40 0.01 fcrb948 40 0		40	8.755905e-03	hfcr2148	40	0.01
fcrc1834 40 8.876728e-03 seob3887 40 0.01 fcrb1503 40 8.94593e-03 seob1916 40 0.01 mioa3629 40 8.94593e-03 seob1916 40 0.01 mioa3629 40 8.97697e-03 fcrb3135 40 0.01 mioa707 40 9.037843e-03 mioa4464 40 0.01 ncr3496 40 9.054407e-03 fcrb3702 40 0.01 ncr20496 40 9.054405e-03 seob2414 40 0.01 ncr20428 40 9.100754e-03 seoa2141 40 0.01 ncr20428 40 9.15008e-03 seoa2141 40 0.01 seoa5933 40 9.204501e-03 hfcr5237 40 0.01 ncr033 40 9.204501e-03 hfcr5237 40 0.01 ncr0383 40 9.204501e-03 hfcr5237 40 0.01 ncr0383 40 9.204501e-03 fcrb5422 40 0.01 ncr0383 40 9.294641e-03 fcrb4570 40 0.01 ncr0101 40 9.315893e-03 fcrb6532 40 0.01 ncr0101 40 9.315893e-03 fcrb6553 40 0.01 ncr0101 40 9.511612e-03 ncr04014 40 0.01 ncr8199 40 9.599163e-03 seoa7478 40 0.01 ncr8199 40 9.599163e-03 seoa7478 40 0.01 ncr01873 40 9.678381e-03 mioa5603 40 0.01 ncr02780 40 9.678381e-03 mioa5603 40 0.01 ncr02780 40 9.75612e-03 mioa5603 40 0.01 ncr02780 40 9.841178e-03 fcrb6990 40 0.01 ncr02780 40 9.841178e-03 fcrb6990 40 0.01 ncr02780 40 9.894482e-03 seob882 40 0.01 ncr02780 40 9.894482e-03 seob8817 40 9.894482e-03 seob6368 40 0.01 ncr026382 40 9.9894082e-03 mioa5773 40 0.01 ncr026382 40 9.894082e-03 mioa5773 40 0.01 ncr026382 40 9.997817e-03 ncr05529 40 0.01 ncr6141 40 0.01 fcrb1578 40 0.01 fcrb2460 40 0.01 fc	seoc1234	40	8.859639e-03	fcrc6011	40	0.01
Ferb1503	fcrc1834	40	8.876728e-03		40	
seocl023         40         8.957311e-03         seobl916         40         0.01           mioa3629         40         8.9767e-03         fcrb3135         40         0.01           mioa0707         40         9.037843e-03         miod4464         40         0.01           ncrc0667         40         9.05485e-03         miob5412         40         0.01           ncrc9428         40         9.100754e-03         seoa2141         40         0.01           seob4945         40         9.152008e-03         seoa39389         40         0.01           seoa5933         40         9.154014e-03         mfcr5237         40         0.01           seoa2391         40         9.263207e-03         fcrb5422         40         0.01           ncrc0183         40         9.294641e-03         fcrb4570         40         0.01           ncrc0383         40         9.294641e-03         fcrb5653         40         0.01           ncrc0181         40         9.311612e-03         mioa4064         40         0.01           ncr8199         40         9.591163e-03         scoa7478         40         0.01           ncr21873         40         9.678381e-03						
mioa3629         40         8.97697e-O3         fcrb3135         40         0.01           mioa0707         40         9.037843e-O3         miod4464         40         0.01           ncr3496         40         9.054107e-O3         fcrb3702         40         0.01           ncrc9428         40         9.054835e-O3         miob5412         40         0.01           seob4945         40         9.152008e-O3         seoa9389         40         0.01           seoa5933         40         9.154014e-O3         miod0884         40         0.01           seoa23391         40         9.204501e-O3         fcrb5422         40         0.01           ncrc0383         40         9.204501e-O3         fcrb5470         40         0.01           ncrc0383         40         9.204501e-O3         fcrb4570         40         0.01           ncrc0101         40         9.315893e-O3         fcrb4570         40         0.01           ncrc1101         40         9.51612e-O3         mioa4064         40         0.01           ncr8199         40         9.529163e-O3         seo347478         40         0.01           ncr21873         40         9.602104e-O3						
mioa0707         40         9.037843e-03         miod4464         40         0.01           ncr3496         40         9.054107e-03         fcrb3702         40         0.01           ncr0667         40         9.054835e-03         miob5412         40         0.01           seob4945         40         9.150008e-03         seoa2141         40         0.01           seoa5933         40         9.154014e-03         miod0884         40         0.01           seoa5933         40         9.263207e-03         fcrb5422         40         0.01           ncr0383         40         9.294641e-03         fcrb4570         40         0.01           ncr01010         40         9.315893e-03         fcrb8653         40         0.01           ncr08619         40         9.511612e-03         mioa4064         40         0.01           ncr8199         40         9.59163e-03         seoa7478         40         0.01           ncr8199         40         9.599163e-03         seoa7478         40         0.01           ncr1873         40         9.678381e-03         mioa5603         40         0.01           ncr2780         40         9.75612e-03						
ncr3496         40         9.054107e-03         fcrb3702         40         0.01           ncr0667         40         9.054835e-03         miob5412         40         0.01           scob4945         40         9.152008e-03         seoa9389         40         0.01           seoa5933         40         9.154014e-03         miod0884         40         0.01           seoa5933         40         9.204501e-03         fcrb5422         40         0.01           ncr0383         40         9.204641e-03         fcrb5422         40         0.01           ncr0383         40         9.294641e-03         fcrb4570         40         0.01           ncr0383         40         9.294641e-03         fcrb4570         40         0.01           ncr0101         40         9.315893e-03         fcrb8653         40         0.01           ncr02101         40         9.511612e-03         mioa4064         40         0.01           ncr8199         40         9.59163e-03         seoa7478         40         0.01           ncr2780         40         9.602104e-03         mioa563         40         0.01           ncr28337         40         9.75612e-03         mi						
ncrc0667         40         9.054835e-03         miob5412         40         0.01           ncrc9428         40         9.100754e-03         seoa2141         40         0.01           seob4945         40         9.152008e-03         seoa3989         40         0.01           seoa5933         40         9.154014e-03         miod0884         40         0.01           seoa2391         40         9.263207e-03         fcrb4570         40         0.01           ncrc0101         40         9.315893e-03         fcrb4570         40         0.01           mios6819         40         9.472774e-03         fcrb4570         40         0.01           mios855         40         9.472774e-03         mioa4064         40         0.01           mics619         40         9.559163e-03         mioa4064         40         0.01           seoa6070         40         9.602104e-03         fcr6990         40         0.01           ncrc1873         40         9.678381e-03         mioa5673         40         0.01           ncr21873         40         9.84178e-03         scob6368         40         0.01           ncr2278         40         9.84687e-03         <			9.037843e-03	miod4464	40	0.01
Name	ncr3496	40	9.054107e-03	fcrb3702	40	0.01
Name	ncrc0667	40	9.054835e-03	miob5412	40	0.01
seob4945         40         9.152008e-03         seoa9389         40         0.01           mioa9649         40         9.154014e-03         miod0884         40         0.01           seoa5933         40         9.204501e-03         hfcr5237         40         0.01           ncrc0383         40         9.294641e-03         fcrb5422         40         0.01           ncrc0101         40         9.315893e-03         fcrb8653         40         0.01           mioc8619         40         9.511612e-03         mioa4064         40         0.01           ncr8199         40         9.59163e-03         seoa7478         40         0.01           ncr1873         40         9.67881e-03         seoa7478         40         0.01           ncr21873         40         9.67881e-03         mioa35773         40         0.01           ncr21873         40         9.75612e-03         mioa5773         40         0.01           ncr2337         40         9.814881e-03         seob882         40         0.01           ncr3337         40         9.81178e-03         fcrb6185         40         0.01           ncr6382         40         9.8948482e-03	ncrc9428	40				
mioa9649         40         9.154014e-03         miod0884         40         0.01           seoa5933         40         9.204501e-03         hfcr5237         40         0.01           seoa2391         40         9.263207e-03         fcrb5422         40         0.01           ncrc0101         40         9.315893e-03         fcrb8653         40         0.01           mioc8619         40         9.472774e-03         ncr3037         40         0.01           ncr8199         40         9.511612e-03         mioa4064         40         0.01           ncr8199         40         9.599163e-03         seoa7478         40         0.01           ncrc1873         40         9.602104e-03         fcrc6990         40         0.01           ncrc2780         40         9.75612e-03         mioa5773         40         0.01           ncrc2780         40         9.75612e-03         mica5603         40         0.01           ncrc3837         40         9.848687e-03         scob6688         40         0.01           ncrc4214         40         9.848687e-03         scob7637         40         0.01           ncrc4226         40         9.98745e-03         <						
seoa5933         40         9.204501e-03         hfcr5237         40         0.01           seoa2391         40         9.253207e-03         fcrb4570         40         0.01           ncrc0101         40         9.294641e-03         fcrb4570         40         0.01           ncr20101         40         9.315893e-03         fcrb653         40         0.01           mios6619         40         9.472774e-03         ncr3037         40         0.01           ncr8199         40         9.59163e-03         seoa7478         40         0.01           ncr8199         40         9.59163e-03         fcr66990         40         0.01           ncr6319         40         9.678381e-03         mioa3603         40         0.01           ncr6319         40         9.75612e-03         mioa5773         40         0.01           ncr6312         40         9.75612e-03         ncr0491         40         0.01           ncr6322         40         9.78612e-03         ncr0491         40         0.01           ncr6337         40         9.841178e-03         fcrb6185         40         0.01           fcrb1578         40         9.996745e-03         seob763						
seoa2391         40         9.263207e-03         fcrb5422         40         0.01           ncrc0101         40         9.294641e-03         fcrb8553         40         0.01           ncrc0101         40         9.315893e-03         fcrb8653         40         0.01           miob5855         40         9.472774e-03         ncr3037         40         0.01           ncr8199         40         9.511612e-03         mioa4064         40         0.01           seoa6070         40         9.602104e-03         fcrc6990         40         0.01           ncrc1873         40         9.678381e-03         mioa5773         40         0.01           ncr2780         40         9.758612e-03         mioa5773         40         0.01           ncr3337         40         9.789009e-03         ncr0491         40         0.01           ncr3337         40         9.841178e-03         fcrb6185         40         0.01           ncr3337         40         9.84482e-03         seob6368         40         0.01           fcrb1578         40         9.987482e-03         seob7637         40         0.01           ncr42226         40         9.989082e-03 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
ncrc0383         40         9.294641e-03         fcrb4570         40         0.01           ncrc0101         40         9.315893e-03         fcrb8653         40         0.01           miob5855         40         9.47774e-03         ncr3037         40         0.01           mioc8619         40         9.511612e-03         mioa4064         40         0.01           seoa6070         40         9.692104e-03         fcrc6990         40         0.01           ncrc1873         40         9.678381e-03         mioc3603         40         0.01           ncrc2780         40         9.75612e-03         mioc3603         40         0.01           ncrc3337         40         9.78612e-03         ncr0491         40         0.01           ncre3337         40         9.841178e-03         fcrb6185         40         0.01           ncre3337         40         9.846887e-03         seob9882         40         0.01           fcrb1578         40         9.927817e-03         ncr6185         40         0.01           ncrc4226         40         9.999082e-03         mioc3958         40         0.01           ncr6141         40         0.01         fcrb94					40	0.01
New York	seoa2391	40	9.263207e-03	fcrb5422	40	0.01
ncrc0101         40         9.315893e-03         fcrb8653         40         0.01           miob8855         40         9.472774e-03         ncr3037         40         0.01           mioc8619         40         9.511612e-03         mioa4064         40         0.01           seoa6070         40         9.692104e-03         fcrc6990         40         0.01           ncrc1873         40         9.678381e-03         mioa3603         40         0.01           ncr2780         40         9.75612e-03         mioa5773         40         0.01           ncr9337         40         9.75612e-03         mioa5773         40         0.01           ncr9337         40         9.78909e-03         ncr0491         40         0.01           ncr9337         40         9.841178e-03         fcrb6185         40         0.01           scob8817         40         9.894482e-03         scob6688         40         0.01           ncr4226         40         9.989082e-03         mioc39529         40         0.01           ncr4214         40         0.01         fcrb9481         40         0.01           ncr6141         40         0.01         fcrb3704	ncrc0383	40	9.294641e-03	fcrb4570	40	0.01
miob5855         40         9.472774e-03         ncr3037         40         0.01           mioc8619         40         9.51612e-03         mioa4064         40         0.01           ncr8199         40         9.519612e-03         mioa4064         40         0.01           seoa6070         40         9.678381e-03         mioa5603         40         0.01           ncr2780         40         9.75612e-03         mioa5773         40         0.01           mioa6035         40         9.789009e-03         ncr0491         40         0.01           ncr9337         40         9.841178e-03         fcrb6185         40         0.01           ncr021248         40         9.846887e-03         seob6368         40         0.01           seob8817         40         9.894482e-03         seob6368         40         0.01           ncr6352         40         9.906745e-03         seob7637         40         0.01           ncr6382         40         9.927817e-03         ncr3529         40         0.01           ncr4226         40         9.989082e-03         mioc3558         40         0.01           ncr6382         40         0.01         fcrb9481 </td <td>ncrc0101</td> <td>40</td> <td>9.315893e-03</td> <td></td> <td></td> <td></td>	ncrc0101	40	9.315893e-03			
mioc8619         40         9.511612e-03         mioa4064         40         0.01           ncr8199         40         9.599163e-03         seoa7478         40         0.01           seoa6070         40         9.602104e-03         fcr6990         40         0.01           ncrc1873         40         9.678381e-03         mioa5603         40         0.01           ncr2780         40         9.75612e-03         mioa5773         40         0.01           nica6035         40         9.789009e-03         ncr0491         40         0.01           ncr9337         40         9.841178e-03         fcrb6185         40         0.01           mico2248         40         9.846887e-03         seob9882         40         0.01           fcrb1578         40         9.987482e-03         seob7637         40         0.01           ncr4226         40         9.927817e-03         ncr3529         40         0.01           ncr4226         40         9.98982e-03         mioc3538         40         0.01           ncr4226         40         9.98982e-03         mioc3529         40         0.01           ncr6141         40         0.01         fcrb9481 <td>miob5855</td> <td></td> <td></td> <td></td> <td></td> <td></td>	miob5855					
ncr8199         40         -9.599163e-03         seoa7478         40         0.01           seoa6070         40         9.602104e-03         fcrc6990         40         0.01           ncrc1873         40         9.678381e-03         mioc3603         40         0.01           ncrc2780         40         9.75612e-03         mioa5773         40         0.01           ncrc3373         40         9.841178e-03         fcrb6185         40         0.01           ncr9337         40         9.841178e-03         fcrb6185         40         0.01           seob8817         40         9.894482e-03         seob6368         40         0.01           fcrb1578         40         9.906745e-03         seob7637         40         0.01           ncrc6382         40         9.927817e-03         ncrc3529         40         0.01           ncre4226         40         9.989082e-03         mioc3958         40         0.01           ncrb141         40         0.01         fcrb9481         40         0.01           seob1420         40         0.01         fcrb4948         40         0.01           seob1420         40         0.01         fcrb4948						
seoa6070         40         9.602104e-03         fcrc6990         40         0.01           ncrc1873         40         9.678381e-03         mioc3603         40         0.01           ncrc2780         40         9.75612e-03         mioc3603         40         0.01           mioa6035         40         9.789009e-03         ncrC491         40         0.01           ncr9337         40         9.841178e-03         fcrb6185         40         0.01           mioc1248         40         9.846887e-03         seob6368         40         0.01           fcrb1578         40         9.906745e-03         seob7637         40         0.01           ncrc4226         40         9.989082e-03         mioc3529         40         0.01           miob8214         40         0.01         fcrb9481         40         0.01           mioc4366         40         0.01         fcrb9481         40         0.01           mioc4366         40         0.01         fcrb49481         40         0.01           fcr5354         40         0.01         fcrb3704         40         0.01           fcr5354         40         0.01         fcrb3704         40						
ncrc1873         40         9.678381e-03         mioc3603         40         0.01           ncrc2780         40         9.75612e-03         mioa5773         40         0.01           mioa6035         40         9.789009e-03         ncr0491         40         0.01           ncr337         40         9.841178e-03         fcrb6185         40         0.01           mioc1248         40         9.844887e-03         seob6368         40         0.01           fcrb1578         40         9.966745e-03         seob7637         40         0.01           ncrc6382         40         9.927817e-03         ncrc3529         40         0.01           ncrc4226         40         9.989082e-03         mioc3958         40         0.01           ncrc4226         40         9.989082e-03         mioc3958         40         0.01           ncrc4214         40         0.01         fcrb9481         40         0.01           ncrc4214         40         0.01         fcrb3704         40         0.01           seob1420         40         0.01         fcrb3704         40         0.01           fcr5354         40         0.01         fcrb2460         40						
ncrc2780         40         9.75612e-03         mioa5773         40         0.01           mioa6035         40         9.789009e-03         ncr0491         40         0.01           mc9337         40         9.841178e-03         fcrb6185         40         0.01           mioc1248         40         9.846887e-03         seob9882         40         0.01           seob8817         40         9.894482e-03         seob6368         40         0.01           fcrb1578         40         9.906745e-03         seob7637         40         0.01           ncrc6382         40         9.927817e-03         ncrc3529         40         0.01           ncrc4226         40         9.989082e-03         mioc3958         40         0.01           nios4366         40         0.01         fcrb9481         40         0.01           ncrc4214         40         0.01         fcrb9481         40         0.01           seob1420         40         0.01         fcrb3704         40         0.01           fcr5354         40         0.01         fcrb2460         40         0.01           fcr2418         40         0.01         mioa4062         40				fcrc6990	40	0.01
mioa6035         40         9.789009e-03         ncr0491         40         0.01           ncr9337         40         9.841178e-03         fcrb6185         40         0.01           mioc1248         40         9.846887e-03         seob9882         40         0.01           seob8817         40         9.89482e-03         seob6368         40         0.01           fcrb1578         40         9.906745e-03         seob7637         40         0.01           ncrc4226         40         9.989082e-03         mioc3958         40         0.01           miob8214         40         0.01         fcrb9481         40         0.01           mio4366         40         0.01         fcrb9481         40         0.01           ncr6141         40         0.01         fcrb9481         40         0.01           fcr5354         40         0.01         fcrb9481         40         0.01           fcr2418         40         0.01         fcrb3704         40         0.01           fcr2418         40         0.01         mica1062         40         0.01           ncr4247         40         0.01         mio40496         40         0.01	ncrc1873	40	9.678381e-03	mioc3603	40	0.01
mioa6035         40         9.789009e-03         ncr0491         40         0.01           ncr9337         40         9.841178e-03         fcrb6185         40         0.01           mioc1248         40         9.846887e-03         seob9882         40         0.01           seob8817         40         9.894482e-03         seob6368         40         0.01           fcrb1578         40         9.906745e-03         seob7637         40         0.01           ncrc4226         40         9.987817e-03         ncrc3529         40         0.01           miob8214         40         0.01         fcrb9481         40         0.01           fcrb366         40         0.01         fcrb9481         40         0.01           fcrb3704         40         0.01         fcrb3704         40         0.01           fcr2418         40         0.01         mioa1062         40         0.01<	ncrc2780	40	9.75612e-03	mioa5773	40	0.01
ncr9337         40         9.841178e-03         fcrb6185         40         0.01           mioc1248         40         9.846887e-03         seob9882         40         0.01           fcrb1578         40         9.894482e-03         seob6368         40         0.01           fcrb1578         40         9.906745e-03         seob7637         40         0.01           ncrc6382         40         9.987817e-03         ncrc3529         40         0.01           ncrc4226         40         9.988982e-03         mioc3958         40         0.01           miob8214         40         0.01         fcrb9481         40         0.01           mioc4366         40         0.01         fcrb9481         40         0.01           ncr6141         40         0.01         fcrb3704         40         0.01           fcr5354         40         0.01         fcrb2460         40         0.01           fcr5354         40         0.01         fcrb2460         40         0.01           fcr2418         40         0.01         seob4805         40         0.01           fcr6509         40         0.01         miob4946         40         0.01 <td>mioa6035</td> <td>40</td> <td>9.789009e-03</td> <td>ncr0491</td> <td></td> <td></td>	mioa6035	40	9.789009e-03	ncr0491		
miocl248         40         9.846887e-03         seob9882         40         0.01           seob8817         40         9.894482e-03         seob6368         40         0.01           fcrb1578         40         9.906745e-03         seob7637         40         0.01           ncrc6382         40         9.927817e-03         ncrc3529         40         0.01           ncrc4226         40         9.989082e-03         mioc3958         40         0.01           mioc4366         40         0.01         fcrb481         40         0.01           ncrc141         40         0.01         fcrb3704         40         0.01           seob1420         40         0.01         fcrb3704         40         0.01           seob1420         40         0.01         fcrb3704         40         0.01           seob1574         40         0.01         fcrb2460         40         0.01           seob1574         40         0.01         seob4805         40         0.01           fcr2418         40         0.01         seob4805         40         0.01           hfcr4055         40         0.01         miod496         40         0.01	ncr9337					
seob8817         40         9.894482e-03         seob6368         40         0.01           fcrb1578         40         9.906745e-03         seob7637         40         0.01           ncrc4382         40         9.927817e-03         ncrc3529         40         0.01           mico8214         40         9.989082e-03         mico3958         40         0.01           mico4366         40         0.01         fcrb9481         40         0.01           mcr6141         40         0.01         fcrc0496         40         0.01           seob1420         40         0.01         fcrb3704         40         0.01           fcr5354         40         0.01         fcrb3704         40         0.01           seob1574         40         0.01         fcrb2460         40         0.01           seob1574         40         0.01         seob4805         40         0.01           seob3520         40         0.01         seob4805         40         0.01           seob3520         40         0.01         miod4714         40         0.01           fcr6509         40         0.01         miod873         40         0.01						
fcrb1578         40         9.906745e-03         seob7637         40         0.01           ncrc6382         40         9.927817e-03         ncrc3529         40         0.01           ncrc4226         40         9.989082e-03         mioc3528         40         0.01           miob8214         40         0.01         fcrb9481         40         0.01           mioc4366         40         0.01         fcrb2496         40         0.01           seob1420         40         0.01         fcrb3704         40         0.01           fcr5354         40         0.01         ncrc5653         40         0.01           miob6797         40         0.01         mioa1062         40         0.01           fcr2418         40         0.01         seob4805         40         0.01           seob3520         40         0.01         seob4805         40         0.01           fcr2418         40         0.01         miob496         40         0.01           seob3520         40         0.01         miob873         40         0.01           fcr6509         40         0.01         miob873         40         0.01						
ncrc6382         40         9.927817e-03         ncrc3529         40         0.01           ncrc4226         40         9.989082e-03         mioc3958         40         0.01           miob8214         40         0.01         fcrb9481         40         0.01           mioc4366         40         0.01         ncrc5806         40         0.01           ncr6141         40         0.01         fcrc0496         40         0.01           seob1420         40         0.01         fcrb3704         40         0.01           fcr5354         40         0.01         ncrc5553         40         0.01           miob6797         40         0.01         mioa1062         40         0.01           fcr2418         40         0.01         mioa1062         40         0.01           fcr2418         40         0.01         seob4805         40         0.01           ncrc4247         40         0.01         mioa10496         40         0.01           ncre4247         40         0.01         mioa1714         40         0.01           ncrb0333         40         0.01         mioa1714         40         0.01						
ncrc4226         40         9.989082e-03         mioc3958         40         0.01           miob8214         40         0.01         fcrb9481         40         0.01           mioc4366         40         0.01         fcrb9481         40         0.01           ncr6141         40         0.01         fcrc0496         40         0.01           seob1420         40         0.01         fcrb3704         40         0.01           fcr5354         40         0.01         ncrc5653         40         0.01           miob6797         40         0.01         fcrb2460         40         0.01           fcr2418         40         0.01         mioa1062         40         0.01           fcr2418         40         0.01         seob4805         40         0.01           secb3520         40         0.01         miob496         40         0.01           hfcr4055         40         0.01         miob8373         40         0.01           ncrb0333         40         0.01         miob8373         40         0.01           mica9792         40         0.01         mioc86961         40         0.01           mica					40	
miob8214         40         0.01         fcrb9481         40         0.01           mioc4366         40         0.01         ncrc5806         40         0.01           ncr6141         40         0.01         fcrc0496         40         0.01           seob1420         40         0.01         fcrb3704         40         0.01           fcr5354         40         0.01         ncrc5653         40         0.01           miob6797         40         0.01         mioa1062         40         0.01           seob1574         40         0.01         mioa1062         40         0.01           fcr2418         40         0.01         seob4805         40         0.01           ncr4247         40         0.01         mioa1062         40         0.01           hfcr4055         40         0.01         miob496         40         0.01           hfcr6509         40         0.01         miod8373         40         0.01           ncrb0033         40         0.01         miod8373         40         0.01           mioa8992         40         0.01         miod6961         40         0.01           seob9847				ncrc3529	40	0.01
miob8214         40         0.01         fcrb9481         40         0.01           mioc4366         40         0.01         ncrc5806         40         0.01           ncr6141         40         0.01         fcrc0496         40         0.01           seob1420         40         0.01         fcrb3704         40         0.01           miob6797         40         0.01         fcrb2460         40         0.01           seob1574         40         0.01         mioa1062         40         0.01           fcr2418         40         0.01         seob4805         40         0.01           ncrc4247         40         0.01         seob4805         40         0.01           seob3520         40         0.01         miod0496         40         0.01           hfcr6509         40         0.01         miod1714         40         0.01           ncrb0033         40         0.01         fcrb0146         40         0.01           mioa8992         40         0.01         miod6961         40         0.01           mioa9792         40         0.01         miod6961         40         0.01           mioa2333 </td <td>ncrc4226</td> <td>40</td> <td>9.989082e-03</td> <td>mioc3958</td> <td>40</td> <td>0.01</td>	ncrc4226	40	9.989082e-03	mioc3958	40	0.01
mioc4366         40         0.01         ncrc5806         40         0.01           ncr6141         40         0.01         fcrc0496         40         0.01           seob1420         40         0.01         fcrb3704         40         0.01           fcr5354         40         0.01         ncrc5653         40         0.01           miob6797         40         0.01         fcrb2460         40         0.01           seob1574         40         0.01         mioa1062         40         0.01           fcr2418         40         0.01         seob4805         40         0.01           ncrc4247         40         0.01         seob4805         40         0.01           ncred5520         40         0.01         miob496         40         0.01           hfcr4055         40         0.01         miod1714         40         0.01           ncrb0033         40         0.01         fcrb0146         40         0.01           mioa8992         40         0.01         mio2694         40         0.01           mioa9792         40         0.01         mio26961         40         0.01           fcrb8623 <td>miob8214</td> <td>40</td> <td>0.01</td> <td>fcrb9481</td> <td>40</td> <td></td>	miob8214	40	0.01	fcrb9481	40	
ncr6141         40         0.01         fcrc0496         40         0.01           seob1420         40         0.01         fcrb3704         40         0.01           fcr5354         40         0.01         ncrc5653         40         0.01           miob6797         40         0.01         fcrb2460         40         0.01           seob1574         40         0.01         mioa1062         40         0.01           fcr2418         40         0.01         seob4805         40         0.01           ncr4247         40         0.01         seob1133         40         0.01           seob3520         40         0.01         miob496         40         0.01           hfcr4055         40         0.01         miod4714         40         0.01           hfcr6509         40         0.01         fcrb0146         40         0.01           fcr0903         40         0.01         miob8373         40         0.01           miob8992         40         0.01         mioc2694         40         0.01           mioa9792         40         0.01         mioc36961         40         0.01           mioa2333	mioc4366	40	0.01			
seob1420         40         0.01         fcrb3704         40         0.01           fcr5354         40         0.01         ncrc5653         40         0.01           miob6797         40         0.01         fcrb2460         40         0.01           seob1574         40         0.01         mioa1062         40         0.01           fcr2418         40         0.01         seob4805         40         0.01           ncrc4247         40         0.01         miob0496         40         0.01           seob3520         40         0.01         miob0496         40         0.01           hfcr4055         40         0.01         miod1714         40         0.01           hfcr6509         40         0.01         miod8373         40         0.01           ncrb0033         40         0.01         miob8373         40         0.01           fcr903         40         0.01         mio2694         40         0.01           mioa9792         40         0.01         mio26961         40         0.01           seob9847         40         0.01         mioa5097         40         0.01           mioa2333	ncr6141	40				
fcr5354         40         0.01         ncrc5653         40         0.01           miob6797         40         0.01         fcrb2460         40         0.01           seob1574         40         0.01         mioa1062         40         0.01           fcr2418         40         0.01         seob4805         40         0.01           ncr4247         40         0.01         seob1133         40         0.01           seob3520         40         0.01         miob496         40         0.01           hfcr4055         40         0.01         miod714         40         0.01           ncrb0033         40         0.01         fcrb0146         40         0.01           ncrb0033         40         0.01         miob8373         40         0.01           miob8992         40         0.01         mioc2694         40         0.01           mioa9792         40         0.01         mioc6961         40         0.01           seob9847         40         0.01         mioc560         40         0.01           mioa7015         40         0.01         seoc5228         40         0.01           mioa7015						
miob6797         40         0.01         fcrb2460         40         0.01           seob1574         40         0.01         mioa1062         40         0.01           fcr2418         40         0.01         seob4805         40         0.01           ncr4247         40         0.01         seob1133         40         0.01           seob3520         40         0.01         miob0496         40         0.01           hfcr4055         40         0.01         miod1714         40         0.01           ncrb0033         40         0.01         fcrb0146         40         0.01           ncrb0033         40         0.01         miob8373         40         0.01           fcr0903         40         0.01         miob8373         40         0.01           miob8992         40         0.01         mioc2694         40         0.01           mioa9792         40         0.01         mioc2694         40         0.01           seob9847         40         0.01         mioc3560         40         0.01           fcrb8623         40         0.01         seoc5228         40         0.01           mioa7015 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
seob1574         40         0.01         mioa1062         40         0.01           fcr2418         40         0.01         seob4805         40         0.01           ncrc4247         40         0.01         seob1133         40         0.01           seob3520         40         0.01         miob0496         40         0.01           hfcr4055         40         0.01         miod1714         40         0.01           hfcr6509         40         0.01         fcrb0146         40         0.01           ncrb0033         40         0.01         miob8373         40         0.01           fcr0903         40         0.01         miob8373         40         0.01           mioa8992         40         0.01         mioc2694         40         0.01           mioa9792         40         0.01         miod6961         40         0.01           seob9847         40         0.01         mioa5097         40         0.01           fcrb8623         40         0.01         seoc5228         40         0.01           mioa27015         40         0.01         seoc0312         40         0.01           mioa2743<						
fcr2418         40         0.01         seob4805         40         0.01           ncrc4247         40         0.01         seob1133         40         0.01           seob3520         40         0.01         miob0496         40         0.01           hfcr4055         40         0.01         miod1714         40         0.01           hfcr6509         40         0.01         fcrb0146         40         0.01           ncrb0033         40         0.01         miob8373         40         0.01           fcr0903         40         0.01         fcrb4388         40         0.01           miob8992         40         0.01         mioc2694         40         0.01           mioa9792         40         0.01         miod6961         40         0.01           seob9847         40         0.01         mioc0560         40         0.01           mioa2333         40         0.01         seoc5228         40         0.01           mioa7015         40         0.01         seoc397         40         0.01           mioa7043         40         0.01         fcr4885         40         0.01           mioa6585 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
ncrc4247         40         0.01         seob1133         40         0.01           seob3520         40         0.01         miob0496         40         0.01           hfcr4055         40         0.01         miod1714         40         0.01           hfcr6509         40         0.01         fcrb0146         40         0.01           ncrb0033         40         0.01         miob8373         40         0.01           fcr0903         40         0.01         miob8373         40         0.01           miob8992         40         0.01         mioc2694         40         0.01           mioa9792         40         0.01         miod6961         40         0.01           seob9847         40         0.01         mioc0560         40         0.01           mioa2333         40         0.01         seoc5228         40         0.01           fcrb8623         40         0.01         seoc312         40         0.01           mioa7015         40         0.01         seoc0312         40         0.01           mioa6585         40         0.01         ncrc1050         40         0.01           mioa1394 </td <td></td> <td></td> <td></td> <td>mioa1062</td> <td>40</td> <td>0.01</td>				mioa1062	40	0.01
ncrc4247         40         0.01         seob1133         40         0.01           seob3520         40         0.01         miob0496         40         0.01           hfcr4055         40         0.01         miod1714         40         0.01           hfcr6509         40         0.01         fcrb0146         40         0.01           ncrb0033         40         0.01         miob8373         40         0.01           fcr0903         40         0.01         fcrb4388         40         0.01           miob8992         40         0.01         mioc2694         40         0.01           mioa9792         40         0.01         miod6961         40         0.01           seob9847         40         0.01         mioc0560         40         0.01           mioa2333         40         0.01         seoc5228         40         0.01           mioa7015         40         0.01         seoc312         40         0.01           mioa7015         40         0.01         fcr4885         40         0.01           mioa6585         40         0.01         ncrc1050         40         0.01           mioa1394 <td>fcr2418</td> <td>40</td> <td></td> <td>seob4805</td> <td>40</td> <td>0.01</td>	fcr2418	40		seob4805	40	0.01
seob3520         40         0.01         miob0496         40         0.01           hfcr4055         40         0.01         miod1714         40         0.01           hfcr6509         40         0.01         fcrb0146         40         0.01           ncrb0033         40         0.01         miob8373         40         0.01           fcr0903         40         0.01         mioc2694         40         0.01           mioa9792         40         0.01         miod6961         40         0.01           mioa9792         40         0.01         mioc0560         40         0.01           mioa2333         40         0.01         mioc0560         40         0.01           mioa2333         40         0.01         mioa5097         40         0.01           mioa7015         40         0.01         seoc312         40         0.01           mioa7015         40         0.01         fcr4885         40         0.01           mioa6585         40         0.01         miob9848         40         0.01           mioa1394         40         0.01         seoa2830         40         0.01           seob3699 <td>ncrc4247</td> <td>40</td> <td>0.01</td> <td>seob1133</td> <td>40</td> <td></td>	ncrc4247	40	0.01	seob1133	40	
hfcr4055         40         0.01         miod1714         40         0.01           hfcr6509         40         0.01         fcrb0146         40         0.01           ncrb0033         40         0.01         miob8373         40         0.01           fcr0903         40         0.01         fcrb4388         40         0.01           miob8992         40         0.01         mioc2694         40         0.01           mioa9792         40         0.01         miod6961         40         0.01           seob9847         40         0.01         mioc0560         40         0.01           mioa2333         40         0.01         seoc5228         40         0.01           fcrb8623         40         0.01         mioa5097         40         0.01           mioa7015         40         0.01         seoc0312         40         0.01           miob2743         40         0.01         miob9848         40         0.01           mioa7391         40         0.01         ncrc1050         40         0.01           mioa1394         40         0.01         seoa2830         40         0.01           seob3699<	seob3520	40				
hfcr6509         40         0.01         fcrb0146         40         0.01           ncrb0033         40         0.01         miob8373         40         0.01           fcr0903         40         0.01         fcrb4388         40         0.01           miob8992         40         0.01         mioc2694         40         0.01           mioa9792         40         0.01         miod6961         40         0.01           seob9847         40         0.01         mioc0560         40         0.01           mioa2333         40         0.01         mioc5097         40         0.01           fcrb8623         40         0.01         mioa5097         40         0.01           mioa7015         40         0.01         seoc0312         40         0.01           miob2743         40         0.01         fcr4885         40         0.01           mioa6585         40         0.01         miob9848         40         0.01           mioa1394         40         0.01         seoa2830         40         0.01           fcrb5527         40         0.01         seoc4909         40         0.01           ncrb451 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
ncrb0033         40         0.01         miob8373         40         0.01           fcr0903         40         0.01         fcrb4388         40         0.01           miob8992         40         0.01         mioc2694         40         0.01           mioa9792         40         0.01         miod6961         40         0.01           seob9847         40         0.01         mioc0560         40         0.01           mioa2333         40         0.01         seoc5228         40         0.01           fcrb8623         40         0.01         mioa5097         40         0.01           mioa7015         40         0.01         seoc0312         40         0.01           miob2743         40         0.01         fcr4885         40         0.01           mioa6585         40         0.01         miob9848         40         0.01           miob7391         40         0.01         seoa2830         40         0.01           mioa1394         40         0.01         seoa2830         40         0.01           seob3699         40         0.01         seoc4909         40         0.01           fcr0511 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
fcr0903         40         0.01         fcrb4388         40         0.01           miob8992         40         0.01         mioc2694         40         0.01           mioa9792         40         0.01         miod6961         40         0.01           seob9847         40         0.01         mioc0560         40         0.01           mioa2333         40         0.01         seoc5228         40         0.01           fcrb8623         40         0.01         mioa5097         40         0.01           mioa7015         40         0.01         seoc0312         40         0.01           miob2743         40         0.01         fcr4885         40         0.01           mioa6585         40         0.01         miob9848         40         0.01           mioa1394         40         0.01         seoa2830         40         0.01           fcrb5527         40         0.01         seo24909         40         0.01           ncrb451         40         0.01         ncrc5592         40         0.01           fcr0511         40         0.01         mioa4014         40         0.01						
miob8992       40       0.01       mioc2694       40       0.01         mioa9792       40       0.01       miod6961       40       0.01         seob9847       40       0.01       mioc0560       40       0.01         mioa2333       40       0.01       seoc5228       40       0.01         fcrb8623       40       0.01       mioa5097       40       0.01         mioa7015       40       0.01       seoc0312       40       0.01         miob2743       40       0.01       fcr4885       40       0.01         mioa6585       40       0.01       miob9848       40       0.01         mioa7391       40       0.01       ncrc1050       40       0.01         mioa1394       40       0.01       seoa2830       40       0.01         seob3699       40       0.01       seoc4909       40       0.01         ncrb451       40       0.01       ncrc5592       40       0.01         fcr0511       40       0.01       mioa4014       40       0.01						
mioa9792       40       0.01       miod6961       40       0.01         seob9847       40       0.01       mioc0560       40       0.01         mioa2333       40       0.01       seoc5228       40       0.01         fcrb8623       40       0.01       mioa5097       40       0.01         mioa7015       40       0.01       seoc0312       40       0.01         miob2743       40       0.01       fcr4885       40       0.01         mioa6585       40       0.01       miob9848       40       0.01         mioa1391       40       0.01       ncrc1050       40       0.01         mioa1394       40       0.01       seoa2830       40       0.01         seob3699       40       0.01       seoc4909       40       0.01         ncrb8451       40       0.01       ncrc5592       40       0.01         fcr0511       40       0.01       mioa4014       40       0.01					40	0.01
seob9847       40       0.01       mioc0560       40       0.01         mioa2333       40       0.01       seoc5228       40       0.01         fcrb8623       40       0.01       mioa5097       40       0.01         mioa7015       40       0.01       seoc0312       40       0.01         miob2743       40       0.01       fcr4885       40       0.01         mioa6585       40       0.01       miob9848       40       0.01         mioa7391       40       0.01       ncrc1050       40       0.01         mioa1394       40       0.01       seoa2830       40       0.01         fcrb5527       40       0.01       ncr4452       40       0.01         ncrb8451       40       0.01       ncrc5592       40       0.01         fcr0511       40       0.01       mioa4014       40       0.01	miob8992	40	0.01	mioc2694	40	0.01
seob9847       40       0.01       mioc0560       40       0.01         mioa2333       40       0.01       seoc5228       40       0.01         fcrb8623       40       0.01       mioa5097       40       0.01         mioa7015       40       0.01       seoc0312       40       0.01         miob2743       40       0.01       fcr4885       40       0.01         mioa6585       40       0.01       miob9848       40       0.01         miob7391       40       0.01       ncrc1050       40       0.01         mioa1394       40       0.01       seoa2830       40       0.01         fcrb5527       40       0.01       ncr4452       40       0.01         seob3699       40       0.01       seoc4909       40       0.01         ncrb451       40       0.01       ncrc5592       40       0.01         fcr0511       40       0.01       mioa4014       40       0.01	mioa9792	40	0.01	miod6961	40	0.01
mioa2333       40       0.01       seoc5228       40       0.01         fcrb8623       40       0.01       mioa5097       40       0.01         mioa7015       40       0.01       seoc0312       40       0.01         miob2743       40       0.01       fcr4885       40       0.01         mioa6585       40       0.01       miob9848       40       0.01         miob7391       40       0.01       ncrc1050       40       0.01         mioa1394       40       0.01       seoa2830       40       0.01         fcrb5527       40       0.01       ncr4452       40       0.01         seob3699       40       0.01       seoc4909       40       0.01         ncrb8451       40       0.01       ncrc5592       40       0.01         fcr0511       40       0.01       mioa4014       40       0.01	seob9847	40	0.01		40	
fcrb8623       40       0.01       mioa5097       40       0.01         mioa7015       40       0.01       seoc0312       40       0.01         miob2743       40       0.01       fcr4885       40       0.01         mioa6585       40       0.01       miob9848       40       0.01         miob7391       40       0.01       ncrc1050       40       0.01         mioa1394       40       0.01       seoa2830       40       0.01         fcrb5527       40       0.01       ncr4452       40       0.01         seob3699       40       0.01       seoc4909       40       0.01         ncrb8451       40       0.01       ncrc5592       40       0.01         fcr0511       40       0.01       mioa4014       40       0.01	mioa2333	40				
mioa7015       40       0.01       seoc0312       40       0.01         miob2743       40       0.01       fcr4885       40       0.01         mioa6585       40       0.01       miob9848       40       0.01         miob7391       40       0.01       ncrc1050       40       0.01         mioa1394       40       0.01       seoa2830       40       0.01         fcrb5527       40       0.01       ncr4452       40       0.01         seob3699       40       0.01       seoc4909       40       0.01         ncrb8451       40       0.01       ncrc5592       40       0.01         fcr0511       40       0.01       mioa4014       40       0.01						
miob2743       40       0.01       fcr4885       40       0.01         mioa6585       40       0.01       miob9848       40       0.01         miob7391       40       0.01       ncrc1050       40       0.01         mioa1394       40       0.01       seoa2830       40       0.01         fcrb5527       40       0.01       ncr4452       40       0.01         seob3699       40       0.01       seoc4909       40       0.01         ncrb8451       40       0.01       ncrc5592       40       0.01         fcr0511       40       0.01       mioa4014       40       0.01						
mioa6585       40       0.01       miob9848       40       0.01         miob7391       40       0.01       ncrc1050       40       0.01         mioa1394       40       0.01       seoa2830       40       0.01         fcrb5527       40       0.01       ncr4452       40       0.01         seob3699       40       0.01       seoc4909       40       0.01         ncrb8451       40       0.01       ncrc5592       40       0.01         fcr0511       40       0.01       mioa4014       40       0.01						
miob7391       40       0.01       ncrc1050       40       0.01         mioa1394       40       0.01       seoa2830       40       0.01         fcrb5527       40       0.01       ncr4452       40       0.01         seob3699       40       0.01       seoc4909       40       0.01         ncrb8451       40       0.01       ncrc5592       40       0.01         fcr0511       40       0.01       mioa4014       40       0.01						
mioal394       40       0.01       seoa2830       40       0.01         fcrb5527       40       0.01       ncr4452       40       0.01         seob3699       40       0.01       seoc4909       40       0.01         ncrb8451       40       0.01       ncrc5592       40       0.01         fcr0511       40       0.01       mioa4014       40       0.01				miob9848	40	0.01
mioa1394       40       0.01       seoa2830       40       0.01         fcrb5527       40       0.01       ncr4452       40       0.01         seob3699       40       0.01       seoc4909       40       0.01         ncrb8451       40       0.01       ncrc5592       40       0.01         fcr0511       40       0.01       mioa4014       40       0.01	miob7391	40	0.01	ncrc1050	40	0.01
fcrb5527       40       0.01       ncr4452       40       0.01         seob3699       40       0.01       seoc4909       40       0.01         ncrb8451       40       0.01       ncrc5592       40       0.01         fcr0511       40       0.01       mioa4014       40       0.01	mioa1394	40	0.01	seoa2830		
seob3699     40     0.01     seoc4909     40     0.01       ncrb8451     40     0.01     ncrc5592     40     0.01       fcr0511     40     0.01     mioa4014     40     0.01						
ncrb8451 40 0.01 ncrc5592 40 0.01 fcr0511 40 0.01 mioa4014 40 0.01						
fcr0511 40 0.01 mioa4014 40 0.01						
101D3384 40 0.01 fcrb3897 40 0.01						
	10103584	40	0.01	fcrb3897	40	0.01

mi 00000	40	0 01			
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seob6576	40	0.01		40	0.01
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fcr0997	40	0.01	fcrb2305	40	0.01
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seoa1353	40	0.01	miob3396	40	0.02
seoa5578	40	0.01	seoa3093	40	0.02
fcrb9856	40	0.01	miob3928	40	0.02
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ncrb7726	40			40	0.02
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fcrb2876	40	0.02	ncrc1361	40	0.02
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fcrb4252	40	0.02	fcrb6426	40	0.02
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			ncrc1231	40	0.02
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fcr5425	40	0.02	ncrc1595	40	0.02
fcr1772	40	0.02	mioc7260	40	0.02
mioa8773	40	0.02	fcrc2431	40	0.02
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seob6872	40	0.02	fcrb6747	40	0.03
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	40	0.03	ncr1352	40	0.03
ncrc6861	40	0.03	fcrc0775	40	0.03
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fcrb2198	40	0.03			0.03
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ncrb8820	40	0.03	seoa9916	40	0.04
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seob6535	40	0.03			0.04
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seoa5849	40	0.03	seoc2224	40	0.04
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mioc2184	40	0.04	h f ~ ~ 0 3 4 3	40	0 04
fcrb6416	40	0.04	hfcr0242 ncrc9729	40	0.04
ncr9175	40	0.04		40	0.04
cr0682 40		.04	ncr3284	40	0.04
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	40	0.04	ncrc4931	40	0.04
fcrb5672	40	0.04	miob7985	40	0.04
hfcr1304	40	0.04	fcr2167	40	0.04
fcrb2746	40	0.04	seob6198	40	0.04
fcrb7593	40	0.04	mioa8314	40	0.04
fcrb8898	40	0.04	seob9946	40	0.04
ncrc2827	40	0.04	mioc2451	40	0.04
ncrc8976	40	0.04	hfcr0496	40	0.04
miob3131	40	0.04	miob0487	40	0.04
fcrb7584	40	0.04	mioc2290	40	0.04
fcrb2203	40	0.04	seoa8921	40	0.04
fcrb3578	40	0.04	fcrb4856	40	0.04
fcrc6566	40	0.04	seob7981	40	0.04
seoc0596	40	0.04	ncrc9331	40	0.04
seoc1159	40	0.04	miob9688	40	0.04
ncrb6357	40	0.04	fcrc2376	40	0.04
ncr1437	40	0.04	seoa2620	40	0.04
ncrc4875	40	0.04	seoc4187	40	0.04
fcrb2060	40	0.04	seob3722	40	0.04
seob0497	40	- 0.04	seoa5552	40	0.04
fcrb1724	40	0.04	seoc2029		
mioc2887	40	0.04		4Q	6.23e-07
seob1748	40	0.04	mioc7170	4Q	2.53e-06
fcrb3283	40	0.04	mioc2561	4 Q	3.17e-06
fcrb7944	40	0.04	mioa2072	4 Q	3.26e-06
fcr6708	40	0.04	seob4419	4Q	4.27e-06
mioa8946	40	0.04	fcrc3993	4Q	4.37e-06
seoc5285	40		seoa6032	4Q	5.48e-06
mioa1584		0.04	miod5349	4Q	6.31e-06
fcr4832	40	0.04	seoa8894	4Q	1.1e-05
fcrb3015	40	0.04	ncr3751	4Q	1.95e-05
miob3618	40	0.04	seoa4518	4Q	2.47e-05
	40	0.04	seoa8566	4 Q	3.22e-05
miob8191	40	0.04	fcrb3578	4 Q	4.7e-05
mioc1357	40	0.04	seoa9373	4 Q	6.54e-05
hfcr2890	40	0.04	mioa1370	4 Q	8.87e-05
seob4197	40	0.04	seoa9482	4 Q	9.27e-05
ncr2304	40	0.04	fcr4477	4Q	1.01e-04
mioc2133	40	0.04	fcrb0265	4 Q	1.2e-04
ncr7151	40	0.04	mioc2094	4Q	1.38e-04
ncrc9491	40	0.04	ncr3262	4Q	1.4e-04
fcr2861	40	0.04	ncr0223	4Q	1.5e-04
seob0818	40	0.04	fcrb2536	4 Q	1.53e-04
fcrb2199	40	0.04	seob6851	4 Q	1.55e-04
seoc3277	40	0.04	fcrb5850	4 Q	1.56e-04
seoc1058	40	0.04	miob8812	4Q	1.56e-04
seob1848	40	0.04	miod5651	4 Q	1.77e-04
miod5126	40	0.04	hfcr2390	4 Q	1.83e-04
ncrb3585	40	0.04	fcr4582	4 Q	2.27e-04
fcrb2301	40	0.04	miob0167	4Q	2.32e-04
mioa9604	40	0.04	fcrc5937	4 Q	2.36e-04
seoc0698	40	0.04	seoc0999	4Q	2.44e-04
fcrb8668	40	0.04	fcrc0554	4Q	2.48e-04
fcrc4663	40	0.04	hfcr1073	4Q	2.54e-04
mioa1906	40	0.04	seob4191	4Q	2.69e-04
seoa1802	40	0.04	mioc2726	4Q	2.7e-04
fcr5930	40	0.04	miob8694	4Q 4Q	2.87e-04
seoa4264	40	0.04	seoa4053	4Q 4Q	3.03e-04
seob4999	40	0.04	fcrc0112	4Q 4Q	3.06e-04
miod6058	40	0.04	ncr1631		
		0.04	1101.1031	4Q	3.07e-04

	4.0				
ncrb8714	4 Q	3.16e-04	ncr¢0150	4Q	1.985831e-03
fcr2573	4 Q	3.43e-04	miod5894	4 Q	2.014527e-03
seob7584	4 Q	3.63e-04	miod0340	4Q	2.021229e-03
fcr5779	4 Q	4.02e-04	seob4560		
ncrc5663				4 Q	2.021887e-03
	4Q	5.0e-04	mioc0824	4 Q	2.034483e-03
ncrc4757	4 Q	5.23e-04	miob9163	4 Q	2.097664e-03
seoa7530	4 Q	5.56e-04	fcrb9843	4 Q	2.120966e-03
seoc6703	4 Q	5.75e-04	miod2525	4Q	
seob9145	4Q				2.174809e-03
		6.11e-04	fcrb2624	4 Q	2.174826e-03
mioa2537	4 Q	6.62e-04	fcrb6187	4 Q	2.177878e-03
mioa6418	4 Q	7.09e-04	seoa0115	4 Q	2.17824e-03
mioc7362	4 Q	7.52e-04	seoc1906	4Q	2.1992e-03
seob9960	4 Q	7.63e-04	fcr3121		
seoa8388	4 Q	7.64e-04		4Q	2.234303e-03
			fcrc0695	4 Q	2.279562e-03
fcrc6976	4 Q	7.65e-04	fcrc6016	4 Q	2.3165e-03
seob3303	4 Q	7.67e-04	miob1326	4Q	2.329343e-03
seob9574	4 Q	7.88e-04	miob4475	4Q	2.330183e-03
seoa8979	4 Q	8.23e-04	miod6467	4 Q	2.34447e-03
hfcr0478	4 Q	8.43e-04	mioa1976		
ncrc2080	4Q	8.53e-04		4 Q	2.452224e-03
mioa5355			fcrc5142	4 Q	2.464685e-03
	4 Q	8.58e-04	miob8143	4 Q	2.489145e-03
ncr8041	4 Q	8.61e-04	seoa3670	4Q	2.543649e-03
fcr0824	4 Q	8.62e-04	ncrc1578	4 Q	2.579378e-03
ncrc9784	4 Q	8.77e-04	miod4332	$4\tilde{Q}$	2.601957e-03
fcrc7102	4 Q	8.87e-04	ncrc5061		2.618499e-03
mioa6731	4Q	8.9e-04		4Q	
fcrb2556			seoc1402	4Q	2.660096e-03
	4Q	8.98e-04	seoc0276	4 Q	2.725532e-03
mioc4667	4 Q	9.01e-04	seob3307	4Q	2.811695e-03
miob7156	4 Q	9.1e-04	seoa9814	4Q	2.836239e-03
fcrc3048	4 Q	9.26e-04	seob4545	4 Q	2.842281e-03
fcr2798	4 Q	9.78e-04	fcrb4391	4Q	2.852331e-03
seoc1996	4 Q	9.81e-04	fcr0224		
hfcr6486	4 Q	9.83e-04		4Q	2.870823e-03
hfcr5381			miob8146	4 Q	2.888517e-03
	4 Q	1.016874e-03	mioa7140	4 Q	2.898369e-03
miod5310	4Q	1.129688e-03	ncrc3464	4 Q	2.965232e-03
mioa3395	4 Q	1.154329e-03	mioa0702	4 Q	2.977964e-03
fcrb1539	4 Q	1.177578e-03	seob9649	4Q	2.997767e-03
miob9336	4Q	1.178419e-03	seob2221	4 Q	3.044324e-03
ncrc0090	4 Q	1.185916e-03	mioa2185		
hfcr6406	4Q	1.239885e-03		4 Q	3.147097e-03
miod1942			mioa3856	4Q	3.151528e-03
	4Q	1.305311e-03	seoa5683	4 Q	3.160612e-03
ncr4539	4 Q	1.309997e-03	mioa0187	4 Q	3.279663e-03
seoa1844	4 Q	1.345317e-03	mioa2374	4 Q	3.293401e-03
mioc2880	4 Q	1.356947e-03	fcr5075	4Q	3.353508e-03
mioc2348	4 Q	1.386736e-03	ncrb0145		
mioc6987	4 Q	1.45158e-03		4 Q	3.359507e-03
fcr3101			miob8274	4 Q	3.404337e-03
	4Q	1.487316e-03	miob9065	4 Q	3.456747e-03
ncr7595	4Q	1.511845e-03	fcrb2307	4 Q	3.463155e-03
fcr4128	4 Q	1.53383e-03	miob7290	4 Q	3.492188e-03
ncrb3001	4 Q	1.557302e-03.	seob2797	4 Q	3.6022e-03
fcrb8187	4Q	1.573331e-03	seoal749	4Q	3.637644e-03
miod1811	4Q	1.590472e-03			
			ncr0451	4 Q	3.707725e-03
mioa3080	4Q	1.603678e-03	fcr6018	4 Q	3.762242e-03
mioc0052	4 Q	1.624699e-03	seoal480	4 Q	3.790975e-03
miob9209	4 Q	1.634228e-03	hfcr0370	4Q	3.8121e-03
ncrc1367	4 Q	1.650171e-03	seoa6573	4 Q	3.875968e-03
ncr5719	4 Q	1.677652e-03	mioc7084	4Q	3.93591e-03
mioa1015	4Q	1.68644e-03			
seob6853			seob0200	4Q	3.979023e-03
	4Q	1.718429e-03	ncrc5492	4 Q	4.081573e-03
fcrc2099	4Q	1.790284e-03	miod6018	4Q	4.139368e-03
seob1766	4 Q	1.794891e-03	mioc0741	4 Q	4.154883e-03
seob6506	4 Q	1.826439e-03	ncrc4531	4Q	4.208322e-03
ncrc9729	4 Q	1.919544e-03	miod4140	4Q	4.240281e-03
miod0592	4Q	1.985622e-03	fcrb9649		
	- 2	21222220 00	10103043	4Q	4.270145e-03

mioc0567	4 Q	4.279318e-03	mioa0249	4Q	7.184179e-03
fcrc0959	4 Q	4.530274e-03	seoa9935	4Q	7.197022e-03
fcrb2318	4 Q	4.630688e-03	ncrc6687	4Q	7.304834e-03
miod4686	4 Q	4.657868e-03	seob1191	4Q	7.325599e-03
seoa7129	4 Q	4.719984e-03	miob4058	4Q	7.329008e-03
ncrb4912	4 Q	4.752707e-03	fcrb8542	4Q	7.350932e-03
ncr3369	4Q	4.770221e-03	fcr5723	4Q	7.369143e-03
fcr0707	4 Q	4.772856e-03	seoc3993	4Q	7.378389e-03
mioa6739	4 Q	4.778158e-03	seob6560	4Q	7.500236e-03
fcrb5438	4Q	4.92339e-03	mioc6925	4Q	7.512586e-03
mioa9831	4Q	4.946737e-03	ncrc3936	4Q	7.54805e-03
fcrb3192	4 Q	4.985296e-03	miob4221	4Q	7.572537e-03
ncr3684	4Q	5.017654e-03	seob2169	4Q	7.634987e-03
seob1318	4 Q	5.055898e-03	ncrc6087	4Q	7.662274e-03
fcrb8942	4 Q	5.08231e-03	hfcr0517	4Q	7.704251e-03
fcrc0430	4 Q	5.084925e-03	fcrb9655	4Q	7.792172e-03
miob8583	4 Q	5.097523e-03	ncrc4226	4Q	7.824984e-03
ncrc5672	4 Q	5.11611e-03	seob6177	4Q	7.843092e-03
miob6364	4 Q	5.172374e-03	mioc7998	4Q	7.939586e-03
ncrc5500	4 Q	5.175143e-03	miob7309	4Q	8.045055e-03
seob3204	4 Q	5.176722e-03	fcrc0295	4Q	8.130412e-03
ncr3313	4Q	5.18529e-03	miod2665	4Q	8.152135e-03
miod2639	4 Q	5.218734e-03	miob1493	4Q	8.197903e-03
miod3592	4 Q	5.253602e-03	fcr0593	4 Q	8.19812e-03
fcrc6563	4 Q	<sup>-</sup> 5.282794e-03	ncrb3077	$4\tilde{Q}$	8.265993e-03
miod3854	4 Q	5.307923e-03	hfcr5737	$4\tilde{Q}$	8.332211e-03
miod3254	4 Q	5.326719e-03	seoa4070	$4\tilde{Q}$	8.351138e-03
fcrc1745	4 Q	5.32716e-03	fcrb1684	4 Q	8.355442e-03
ncrc9758	4 Q	5.427537e-03	ncrc6264	4Q	8.530558e-03
fcr0990	4 Q	5.490991e-03	ncrc1502	4Q	8.575665e-03
fcrb6650	4 Q	5.525357e-03	fcr0770	4Q	8.634112e-03
fcrc2082	4 Q	5.550695e-03	miob1506	4Q	8.830271e-03
fcrb7852	4 Q	5.667225e-03	miod1331	4 Q	8.912821e-03
fcr0253	4 Q	5.72015e-03	mioa2413	4 Q	9.000025e-03
fcrb5164	4 Q	5.814619e-03	fcrb3894	4 Q	9.03812e-03
fcrb1687	4 Q	5.960627e-03	fcrb2299	4 Q	9.0502e-03
fcr1883	4 Q	6.048593e-03	miob3461	4 Q	9.117224e-03
fcr5536	4Q	6.049129e-03	miod1574	4 Q	9.196145e-03
ncrc0663	4Q	6.085718e-03	fcrb7339	4Q	9.198522e-03
fcr0608 ncrc0342	4 Q	6.096137e-03	seoa2391	4 Q	9.263207e-03
ncrb1337	4 Q 4 Q	6.197336e-03	ncrc0101	4Q	9.315893e-03
ncrb1515	_	6.21911e-03 6.341156e-03	seoa1737	4Q	9.470911e-03
ncrc0139	4 Q 4 Q	6.437649e-03	mioc4835	4Q	9.495048e-03
ncrc6000	4Q	6.444479e-03	fcrb6220	4Q	9.620246e-03
hfcr4176	4Q	6.494359e-03	fcrc5846 fcr3367	4Q	9.622113e-03
seob0703	4Q	6.50097e-03	fcrb3466	4Q	9.80502e-03
fcr4469	4Q	6.567393e-03	ncrc7038	4Q	9.829055e-03
mioc2166	4Q	6.609859e-03	mioc4022	4Q 4Q	9.905278e-03 9.984425e-03
mioa1303	4 Q	6.633139e-03	miob8214	4Q	0.01
fcrb9352	4Q	6.647947e-03	mioc4366	4Q	0.01
seob5500	4Q	6.672454e-03	miod4142	4Q	0.01
fcrb8536	4Q	6.791086e-03	fcrb2713	4Q	0.01
fcrc1607	4Q	6.799098e-03	fcrb1787	4Q	0.01
hfcr1760	4Q	6.835569e-03	mioa2580	4Q	0.01
hfcr5987	$4\tilde{Q}$	6.867295e-03	fcrb4988	4Q	0.01
ncr6335	4Q	6.907692e-03	seob3520	4Q	0.01
seoa4366	4Q	6.910667e-03	fcr0903	4Q	0.01
miod3079	4Q	6.91873e-03	miob4037	4Q	0.01
ncrc2495	4Q	6.966429e-03	mioa5692	4Q	0.01
ncrb8207	4Q	7.041692e-03	seob4036	4Q	0.01
ncrc6813	4Q	7.043646e-03	fcr1068	4Q	0.01
mioa1427	4Q	7.073426e-03	mioa2993	4Q	0.01
seob7474	4 Q	7.109226e-03	miob2743	4Q	0.01
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mioc3618	4Q	0.01	ncr8290	40	0 01
fcrb5918	4Q	0.01		4Q	0.01
mioa5461		0.01	mioa9258	4Q	0.01
	4Q		ncrc3258	4 Q	0.01
ncrb8451	4 Q	0.01	seoa0799	4 Q	0.01
fcrb5100	4 Q	0.01	fcrb3165	4 Q	0.01
fcrb2818	4 Q	0.01	mioa3646	4 Q	0.01
miod7457	4 Q	0.01	seoa0536	4 Q	0.01
seob3887	4 Q	0.01		4 Q	0.01
fcr2598	4Q	0.01	ncrc6861	4Q	0.01
seoa0003	4 Q	0.01	fcrb1917	4Q	0.01
fcrb3135	4 Q	0.01	seob7941	4Q	0.01
hfcr5970	4Q	0.01	mioa0595	4Q	0.01
miod4464	4Q	0.01	seob1783	4Q	0.01
fcrb3702	4Q	0.01			
fcrb8432	4Q	0.01	seoc3870	4Q	0.01
hfcr5237	4Q	0.01	fcrb7833	4 Q	0.01
			fcrb1750	4 Q	0.01
ncrc0304	4 Q	0.01	seob0418	4 Q	0.01
ncrc5930	4 Q	0.01	ncrc0803	4 Q	0.01
fcrb5422	4 Q	0.01	mioa1062	4 Q	0.01
fcrb7588	4 Q	0.01	miod5372	4Q	0.01
seob8693	4 Q	0.01	fcrb7505	4Q	0.01
fcrb1202	4 Q	0.01	seoa2272	4 Q	0.01
ncrc5959	4Q	0.01	ncrb3341	4Q	0.01
seob6368	4 Q	0.01	ncr9919	4Q	0.01
miob4673	4Q	- 0.01	seob8301	4Q	0.01
seoc2670	4Q	0.01	fcrb3497	4Q	0.01
mioa5691	$4\overline{Q}$	0.01	miod5123	4Q	0.01
seob1133	4Q	0.01	seob3419	4Q	0.01
seoc2447	4Q	0.01	ncrc2859	4Q	
fcrc1132	4Q	0.01	fcrc3229		0.01
mioc2541	4Q	0.01		4 Q	0.01
fcr2102	4Q	0.01	seoa1173	4 Q	0.01
miod6961	4Q	0.01	hfcr4423	4Q	0.01
fcrb7808	4Q 4Q	0.01	mioc6296	4Q	0.01
mioa2213			mioc4730	4 Q	0.01
	4Q	0.01	miob7607	4 Q	0.01
ncrc5592	4Q	0.01	fcrb2596	4 Q	0.01
ncrc6171	4Q	0.01	fcr3575	4 Q	0.01
mioa4014	4Q	0.01	seoa4727	4 Q	0.01
fcr5509	4 Q	0.01	seob6229	4 Q	0.01
mioc7471	4Q	0.01	ncrb1956	4 Q	0.01
seob3684	4Q	0.01	ncrc9024	4Q	0.01
miob1829	4 Q	0.01	hfcr3011	4Q	0.01
seob5748	4Q	0.01	fcrb4294	4Q	0.01
seoa5552	4 Q	0.01	mioa3799	4Q	0.01
ncrc3453	4Q	0.01	mioa6999	4Q	0.01
mioc8016	4 Q	0.01	mioc0940	4 Q	0.01
miob2492	4Q	0.01	seob5490	4 Q	0.01
miod6041	4 Q	0.01	miod0167	4Q	0.01
mioa2421	4Q	0.01	ncr3483	4Q	0.01
seob7747	4Q	0.01	seob2081	4Q	0.01
ncrc9517	4 Q	0.01	ncr3432	4Q	0.01
seoa9729	4Q	0.01	fcrb8196	4Q	0.01
ncrc6617	4Q	0.01	miob4238	4Q	0.01
miod2264	4Q	0.01	fcrb7751	4Q	0.01
miob5119	4Q	0.01	fcr4795		
seoa5235	4Q	0.01		4Q	0.01
fcr0280	4Q	0.01	fcrb1582	4Q	0.01
fcrb8901	4Q 4Q		fcr7705	4Q	0.01
mioa5231		0.01	ncr7876	4Q	0.02
	4Q	0.01	seoa2962	4Q	0.02
seoc4748	4Q	0.01	miob3307	4Q	0.02
seob2938	4Q	0.01	ncr2013	4Q	0.02
mioa0891	4Q	0.01	seob3533	4Q	0.02
mioc7370	4Q	0.01	seob5551	4Q	0.02
mioc2039	4Q	0.01	ncrc4885	4Q	0.02

seoc4052	4Q	0.02	fcrc2670	4Q	0.02
seob0763	4Q	0.02	ncrc1231	4Q	0.02
mioc8278	4Q	0.02	seoa8854	4Q	0.02
miob4570	4 Q	0.02	ncrc1341	4 Q	0.02
ncr4416	4 Q	0.02	seoa8640	4Q	0.02
seoa8776		0.02			
	4Q		miob4876	4Q	0.02
seob1834	4 Q	0.02	fcrc6228	4 Q	0.02
seoa9389	4 Q	0.02	fcr1724	4Q	0.02
mioa0601	4 Q	0.02	fcr7042	4Q	0.02
mioc4270	4 Q	0.02	mioa4738	4 Q	0.02
seob0831	4Q	0.02	fcrb7951	4 Q	0.03
seoc1264	4Q	0.02	ncr3968	4Q	0.03
miob2116	4Q	0.02	seob4480	4Q	0.03
fcrb2704	4Q	0.02	fcrb2040	4 Q	0.03
miob3396	4Q	0.02	ncr3237	4 Q	0.03
fcr3043	4 Q	0.02	hfcr0734	4 Q	0.03
ncr0335	$\tilde{4Q}$	0.02	hfcr3500	4Q	0.03
ncrc0292	4Q	0.02	seob3064	4 Q	0.03
fcrc4896	4Q	0.02	fcrb3946	4 Q	0.03
hfcr4007	4 Q	0.02	seoc0616	4Q	0.03
miob9533	4Q	0.02	seoc2172	_	0.03
				4Q	
ncrc6871	4Q	0.02	mioc1596	4 Q	0.03
mioc5307	4Q	0.02	fcr4433	4 Q	0.03
fcrb3519	4Q	0.02	seob7946	40	0.03
fcr5618	4Q	0.02	mioa0862	_	
				4Q	0.03
fcr0027	4Q	0.02	miod6234	4 Q	0.03
ncr2293	4Q	0.02	ncrb4441	4 Q	0.03
ncrc6047	4Q	0.02	seoa7383	4Q	0.03
seob7622	$4\overline{Q}$	0.02	ncr8995	4Q	0.03
seoc5780	4Q	0.02	ncr0429	4Q	0.03
ncrc9387	4Q	0.02	seoa2978	4Q	0.03
fcr3269	4Q	0.02	ncrc9633	4 Q	0.03
hfcr6366	4Q	0.02	seoa1789	4Q	0.03
fcrb8719		0.02			
	4Q		miob3531	4Q	0.03
ncrc5491	4Q	0.02	mioc2451	4 Q	0.03
fcrb1528	4Q	0.02	miob5810	4Q	0.03
fcrc1965	4Q	0.02	seoa8738	4Q	0.03
mioc2799	4Q	0.02	seoa0470	_	
	_			4 Q	0.03
ncrc4586	4Q	0.02	fcr5369	4 Q	0.03
seob2163	4Q	0.02	fcrb8664	4 Q	0.03
ncrc9117	4Q	0.02	mioa5452	4Q	0.03
seob5624	4Q	0.02	ncrc4620	4Q	0.03
ncrc1687	4Q	0.02	mioa2818	4Q	0.03
hfcr1856	4 Q	0.02	fcr0843	4Q	0.03
fcrb5393	4Q	0.02	mioa0497	4 Q	0.03
fcr4634	4Q	0.02	ncrc6416	4Q	0.03
seob8873	4Q	0.02			
			miob9901	4 Q	0.03
fcr2587	4Q	0.02	seob0885	4 Q	0.03
hfcr1037	4Q	0.02	fcr5560	4 Q	0.03
hfcr2295	4Q	0.02	ncr9664	4Q	0.03
seoa9699	$4\tilde{Q}$	0.02	fcrb2306	4Q	0.03
ncrb7292	4Q	0.02	ncrc9055	4Q	0.03
ncrb2798	4Q	0.02	fcrc0771	4 Q	0.03
fcr3620	4Q	0.02	miob9581	4Q	0.03
fcrc4949	4Q	0.02	seob8355	4 Q	0.03
seoa8912	4Q	0.02	ncr2175	4Q	0.03
fcrc6513	4Q	0.02	ncr0045	4Q	0.03
miod0894	4Q	0.02	mioc7360	4Q	0.03
mioc3208	$4\overline{Q}$	0.02	fcrb2090	4Q	0.03
miob6610	4Q	0.02	fcrb4479	4Q	0.03
hfcr3494	4Q	0.02	mioa1380	4Q	0.03
fcrb5439	4Q	0.02	fcr2196	4Q	0.03
seob8255	4Q	0.02	fcrc4876	4Q	0.03
fcrb4365	4Q	0.02			
TOTD4202	40	0.02	ncr1007	4 Q	0.03

seoa9042	4 Q	0.03		seoa6032	4 S	5.48e-06
ncrc1615	4Q	0.03		miod5349	4S	6.31e-06
fcrb3083	4 Q	0.03		seoa8894	4 S	1.1e-05
mioa2343	4 Q	0.03		fcrb4534	4 S	1.46e-05
ncrc4000	4 Q	0.04		seob2697	4 S	1.66e-05
ncr3934	4Q	0.04		seoa4518	4S	2.47e-05
	•					
miob9284	4 Q	0.04		miob6562	4S	2.52e-05
fcr4984	4 Q	0.04		seoa8566	4 S	3.22e-05
ncr4538	4 Q	0.04		miod5123	4S	5.49e-05
ncrb1833	4Q	0.04				
				seob4333	4S	5.73e-05
fcrb5177	4 Q	0.04		miod7421	4S	6.08e-05
seob5465	4 Q	0.04		mioa1370	4 S	8.87e-05
fcrb8467	4 Q	0.04		fcrb7339	4S	9.87e-05
hfcr5522	4Q	0.04				
				fcr4477	4 S	1.01e-04
miob5752	4 Q	0.04		fcrb0265	4 S	1.2e-04
mioc4131	4 Q	0.04		seob6189	4 S	1.32e-04
ncrc6459	4 Q	0.04		mioc2094	4 S	1.38e-04
fcrb6818	4 Q	0.04		fcr0253	4S	1.45e-04
seoa3121	4 Q	0.04		seoa7652	4 S	1.5e-04
miob6595	4 Q	0.04		fcrb2536	4 S	1.53e-04
miod0455	4 Q	0.04		fcrb5850	4 S	1.56e-04
seob0266	4Q	0.04		miob8812	4S	1.56e-04
seoa0860	4 Q	0.04		fcrb3461	4 S	1.6e-04
ncr0531	4 Q	0.04		seob4029	4 S	1.69e-04
fcrc1019	4 Q	0.04		miod5651	4 S	1.77e-04
ncrc4875	4 Q	0.04		seob5748	4 S	1.79e-04
		0.04				
ncrc5738	4 Q			hfcr2390	4S	1.83e-04
ncrc0217	4 Q	0.04		miod5505	4 S	1.89e-04
fcrb3283	4 Q	0.04		seoc2264	4 S	2.1e-04
hfcr6515	4 Q	0.04		fcr4582	4S	2.27e-04
mioc4086	4Q	0.04		fcrc1381		
					4S	2.28e-04
seob6582	4 Q	0.04		miob0167	4 S	2.32e-04
ncrc9039	4 Q	0.04		seoc1175	4 S	2.33e-04
ncr0132	4 Q	0.04		fcrc5937	4 S	2.36e-04
fcr6181	4 Q	0.04		fcrc0554	4 S	2.48e-04
miob2668	4Q	0.04		seob4191		
					4 S	2.69e-04
seob3394	4 Q	0.04		miob8694	4 S	2.87e-04
miod5126	4 Q	0.04	•	ncr0153	4 S	3.07e-04
miod6731	4 Q	0.04		seoa4366	4S	3.08e-04
seoa0792	4 Q	0.04		seoc6169	4S	3.11e-04
miob9248	4Q	0.04		ncrb8714	4S	
						3.16e-04
ncr2591	4 Q	0.04		fcr2573	4S	3.43e-04
fcrb5639	4 Q	0.04		fcrb3578	4 S	3.7e-04
fcr5930	4 Q	0.04		fcr5779	4S	4.02e-04
seoa4606	4 Q	0.04		ncrc5663	4S	5.0e-04
mioc4696	4Q	0.04				
				mioc2602	4 S	5.18e-04
fcr7518	4 Q	0.04		seoc6703	4 S	5.75e-04
fcrb7880	4 Q	0.04		fcr2607	4 S	5.84e-04
ncrc1751	4 Q	0.04		seoa4739	4.S	5.91e-04
miod2412	4 Q	0.04		seob9145	4 S	6.11e-04
seob1972						
	4Q	0.04		mioa6418	4S	7.09e-04
miob7913	4 Q	0.04		miod1925	4S	7.23e-04
fcr3053	4 Q	0.04		mioc4089	4 S	7.46e-04
seob6198	4 Q	0.04		mioc7362	4S	7.52e-04
fcrb2015	4 Q	0.04		seob9960		
					4S	7.63e-04
mioa5326	4 Q	0.04		seoa8388	4S	7.64e-04
hfcr1314	4 Q	0.04		seob3303	4 S	7.67e-04
seoc2029	4 S	6.23e-07		ncrc2080	4S	8.53e-04
mioc7170	4S	2.53e-06		mioa5355	4S	
						8.58e-04
mioa2072	4 S	3.26e-06		ncr8041	4S	8.61e-04
seob5523	4 S	4.23e-06		ncrc9784	4 S	8.77e-04
seob4419	4 S	4.27e-06		fcrc7102	4S	8.87e-04
fcrc3993	4 S	4.37e-06		mioa6731	4S	8.9e-04
seoa4461	4S	5.29e-06				
26094401	40	3.236-06		mioc4667	4S	9.01e-04

fcrc3048	4S	9.26e-04	seob4972	4 S	3.531512e-03
fcrb9420	4S	9.64e-04	mioc3726	4 S	3.550472e-03
seoc1996	4S	9.81e-04	seob2797	4 S	3.6022e-03
hfcr5381	4S	1.016874e-03	fcr6018	4 S	3.762242e-03
fcrb1539	4S	1.177578e-03	fcr3155		
				4S	3.832262e-03
miob9336	4S	1.178419e-03	ncr2182	4 S	3.847974e-03
miod1942	4S	1.305311e-03	mioc7084	4 S	3.93591e-03
mioa0909	4 S	1.312146e-03	miod6018	4 S	4.139368e-03
mioc2880	4S	1.356947e-03	miod4140	4S	4.240281e-03
mioc2348	4S	1.386736e-03	fcrb9649	45	4.270145e-03
miod6038	4S	1.395436e-03			
			seoa9711	4S	4.329889e-03
fcr3101	4S	1.487316e-03	miob8226	4 S	4.470203e-03
fcr4128	4S	1.53383e-03	mioa0890	4S	4.570501e-03
ncrc5162	4S	1.553082e-03	fcrb2318	4 S	4.630688e-03
ncrb3001	4S	1.557302e-03	miod4686	4 S	4.657868e-03
miod1811	4S	1.590472e-03	seoa7129	4S	4.719984e-03
seoa9740	4S	1.598061e-03	mioa6739	4S	4.778158e-03
mioa0494	45	1.619093e-03			
			mioa0826	4S	4.884238e-03
mioc0052	4S	1.624699e-03	mioa6621	4S	4.904983e-03
miob9209	4S	1.634228e-03	fcrb5438	4S	4.92339e-03
ncrc1367	4 S	1.650171e-03	mioa9831	4S	4.946737e-03
seoa4305	4S	1.678116e-03	fcrc6174	4 S	4.953862e-03
seob0304	45	1.693307e-03	fcrb3192	4S	4.985296e-03
fcrb3165	4S	1.760242e-03	ncr3684	4S	5.017654e-03
fcrc2099	4S	1.790242e 03			
			seob1318	4S	5.055898e-03
seob1766	4S	1.794891e-03	fcrc0430	4S	5.084925e-03
fcrc5516	4S	1.799844e-03	ncrc5672	4 S	5.11611e-03
seob6506	4S	1.826439e-03	ncr2862	4 S	5.163569e-03
ncrc5054	4S	1.860924e-03	miob6364	4 S	5.172374e-03
seoc4380	4S	1.956915e-03	ncrc5500	4 S	5.175143e-03
miod0592	4S	1.985622e-03	seob3204	4S	5.176722e-03
ncrc0150	4S	1.985831e-03	miod3592		
				4S	5.253602e-03
miod5894	4S	2.014527e-03	mioc0824	4 S	5.254723e-03
miod0340	4S	2.021229e-03	ncrb1398	4 S	5.295501e-03
seob4560	4S	2.021887e-03	miod3254	4 S	5.326719e-03
miob9163	4 S	2.097664e-03	mioc8619	4 S	5.353299e-03
fcrb9843	4S	2.120966e-03	fcr0990	4 S	5.490991e-03
ncr0238	4S	2.1386e-03	fcrb1684	4S	5.495549e-03
miod2525	4S	2.174809e-03	fcrb6650	4S	5.525357e-03
fcrb2624	4S	2.174826e-03	fcr3282	4S	5.608041e-03
seoa0115					
	4S	2.17824e-03	fcrb7852	4S	5.667225e-03
fcr3121	4S	2.234303e-03	ncrc4654	4 S	5.866006e-03
fcr7419	4S	2.260166e-03	fcrb1687	4S	5.960627e-03
fcrc0695	4S	2.279562e-03	fcr6390	4S	6.000719e-03
seoa1065	4S	2.312579e-03	fcr1883	4S	6.048593e-03
fcrc6016	4S	2.3165e-03	fcr5536	4S	6.049129e-03
miob4475	4 S	2.330183e-03	hfcr3500	4S	6.054096e-03
ncrc1578	4S	2.579378e-03	seoa0470	4S	6.100317e-03
mioc8434	4S	2.661058e-03	ncrc6712	4 S	6.41394e-03
seoc0276	4 S	2.725532e-03	ncrc0139	4 S	6.437649e-03
fcr0999	4S	2.730498e-03	fcrb8187	4S	6.498087e-03
fcrb4391	4 S	2.852331e-03	mioa1303	4 S	6.633139e-03
fcr0224	4 S	2.870823e-03	fcrb2765	4S	6.689668e-03
mioa7140	4 S	2.898369e-03	miod5612	4S	6.698915e-03
ncrc6359	4S	2.898846e-03	fcrb5087	4S	6.714694e-03
seob2221	4S	3.044324e-03			
			fcrc1607	4S	6.799098e-03
fcrb2933	4S	3.049655e-03	hfcr1760	4S	6.835569e-03
mioa2185	4 S	3.147097e-03	miod3079	4 S	6.91873e-03
seoa5683	4 S	3.160612e-03	ncrc2495	4 S	6.966429e-03
mioa2374	4 S	3.293401e-03	hfcr1914	4S	7.057729e-03
ncrb0145	4 S	3.359507e-03	mioa1427	4S	7.073426e-03
fcrb3017	4 S	3.376066e-03	mioa0249	45	7.184179e-03
miob8274	4S	3.404337e-03	seoa9935	4S	7.104175e-03 7.197022e-03
fcrb2307					
TCTD2307	4 S	3.463155e-03	mioa6093	4 S	7.268139e-03

miob4058	4S	7.329008e-03	fcrb3897	4 S	0.01
fcrb8542	4S	7.350932e-03	fcrc4948	4S	0.01
seoc3993	4S	7.378389e-03	mioc7471	4S	0.01
seoa7078	4S	7.471779e-03	seob0344	4S	0.01
miob4221	4S	7.572537e-03	miob1829	4S	
hfcr0517	4S	7.704251e-03	mioc3092		0.01
ncrc4226	4S	7.824984e-03	· · · · · ·	4 S	0.01
mioc7998			ncrb5737	4 S	0.01
	4S	7.939586e-03	fcrb5675	45	0.01
fcrb1329	4S	8.164602e-03	mioc8016	4 S	0.01
miob1493		8.197903e-03	mioa2421	4 S	0.01
ncrb3077	4S	8.265993e-03	ncrc9517	4 S	0.01
hfcr5737	4S	8.332211e-03	ncr1428	4 S	0.01
seoa4070	4S	8.351138e-03	fcrc1758	4 S	0.01
seob8065	4S	8.459463e-03	fcr0280	4 S	0.01
ncr1631	4 S	8.505128e-03	fcrb8901	4 S	0.01
fcr0770	4 S	8.634112e-03	mioa5231	4 S	0.01
ncr2905	4 S	8.640653e-03	seoc7281	4 S	0.01
mioa6738	4 S	8.769774e-03	fcrc1745	4 S	0.01
miod1331	4 S	8.912821e-03	miod0187	4 S	0.01
mioa0707	4 S	9.037843e-03	ncrb8790	4 S	0.01
fcrb2299	4 S	9.0502e-03	mioc7370	4 S	0.01
seob3415	4S	9.05062e-03	miob4860	4 S	0.01
seoa5933	4 S	9.204501e-03	ncrc3258	4 S	0.01
ncrc0101	4 S	9.315893e-03	miob3411	4 S	0.01
seob4140	4 S	9.654697e-03	mioa3646	4 S	0.01
mioa6035	4 S	9.789009e-03	ncrc7085	4 S	0.01
fcrb3466	4 S	9.829055e-03	seoa0536	4 S	0.01
mioc4366	4 S	0.01	seob1783	4 S	0.01
fcrb1787	4 S	0.01	seoc3870	4 S	0.01
seob3520	4 S	0.01	fcrb7833	4 S	0.01
fcr1068	4 S	0.01	seob0418	4 S	0.01
miob2743	4 S	0.01	seoc0657	4 S	0.01
mioa6585	4 S	0.01	fcrc2007	4 S	0.01
mioc3618	4 S	0.01	mioa1062	4 S	0.01
fcrb5527	4 S	0.01	seob3464	4 S	0.01
ncrb8451	4 S	0.01	miob4157	4 S	0.01
fcrb3584	4 S	0.01	fcrc0839	4 S	0.01
fcrb5100	4 S	0.01	fcrb7505	4 S	0.01
fcrb2818	4 S	0.01	seoa2272	4 S	0.01
hfcr2148	4 S	0.01	ncr9919	4 S	0.01
seob3887	4 S	0.01	seob8301	4 S	0.01
fcr2598	4 S	0.01	mioc0140	4 S	0.01
mioa6135	4 S	0.01	fcrb3550	4 S	0.01
fcrb3135	4 S	0.01	ncrc2859	4 S	0.01
fcrb3702	4 S	0.01	mioa0152	4 S	0.01
mioa9792	4 S	0.01	fcrc3229	4 S	0.01
fcrb5422	4 S	0.01	seoa5578	4 S	0.01
seoc2226	4 S	0.01	mioc6296	4 S	0.01
fcrc1181	4 S	0.01	miod0686	4 S	0.01
mioa6721	4 S	0.01	fcr3575	4 S	0.01
fcrb1202	4 S	0.01	seob6229	4 S	0.01
seob9882	4 S	0.01	ncrb1956	4 S	0.01
ncrc3529	4 S	0.01	ncrc9024	4 S	0.01
seoc2670	4 S	0.01	fcrb4294	4 S	0.01
mioc6925	4 S	0.01	seob2283	4 S	0.01
mioa5691	4 S	0.01	mioa4628	4 S	0.01
ncrc5653	4 S	0.01	ncrc2273	4 S	0.01
fcr1633	4 S	0.01	ncrc5608	4 S	0.01
miob0496	4 S	0.01	fcrb8196	4 S	0.01
mioc2541	4 S	0.01	fcrb7751	4 S	0.01
miob8373	4 S	0.01	fcrb1582	4 S	0.01
seoa4460	4 S	0.01	fcr7705	4 S	0.01
miod6961	4S	0.01	ncr7876	4 S	0.02
mioc0560	4 S	0.01	seoa2962	4 S	0.02

ncrb7166	4 S	0.02	ncrb8751	4 S	0.02
fcrb2926	4 S	0.02	seoa8640	4S	0.02
seob1617	4 S	0.02	seob6773		
ncr2013	4S			4S	0.02
		0.02	seoa3556	4 S	0.02
seob3533	4 S	0.02	fcrb7951	4 S	0.03
seoa0221	4 S	0.02	seob4480	4 S	0.03
seoc4052	4 S	0.02	seob3485	4 S	0.03
miod2128	4 S	0.02	fcrb6747	4S	0.03
seoa9389	4 S	0.02	seob4079		
ncr4538				4S .	0.03
	4 S	0.02	ncr3237	4S	0.03
fcrc4037	4 S	0.02	hfcr0734	4 S	0.03
fcr3043	4 S	0.02	seoc2172	4 S	0.03
seoa3093	4 S	0.02	mioc6902	4 S	0.03
fcrc4390	4 S	0.02	fcr2952	4S	0.03
hfcr3404	4 S	0.02	miod6234	4S	0.03
miod3302	4S	0.02			
			ncr0429	4S	0.03
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fcrc4896	4 S	0.02	mioc0472	4 S	0.03
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seoc1934	4 S	0.02	fcrc6970	4S	0.03
fcrc0332	4 S	0.02	fcr5369	4S	0.03
mioc5307	4 S	0.02	ncrc4620	4S	0.03
fcrb3519	4S	0.02			
			fcrb4719	4S	0.03
mioc2997	4 S	0.02	fcr4306	4S	0.03
mioc5736	4 S	0.02	fcr0843	4S	0.03
seoc5780	4 S	0.02	seob9851	4S	0.03
fcr3269	4 S	0.02	seob7981	4S	0.03
hfcr6366	4 S	0.02	miod7486	4S	0.03
fcrb8719	4 S	0.02	ncrc6416	` 4S	0.03
ncrc5491	4S	0.02			
			hfcr3454	4 S	0.03
fcrb2866	4S	0.02	ncr9664	4S	0.03
ncr0791	4 S	0.02	miob2293	4S	0.03
hfcr0130	4 S	0.02	seob8355	4 S	0.03
seoc4505	4 S	0.02	ncr1352	4 S	0.03
ncrc1402	4 S	0.02	mioc3574	4S	0.03
ncr1344	4 S	0.02	fcrb4479	4S	0.03
mioa3940	4 S	0.02	mioa1380	4S	0.03
seob9430	45	0.02			
fcr6534		0.02	mioa6583	4S	0.03
	4S		ncrb2272	4 S	0.03
miod6068	4 S	0.02	fcr2196	4 S	0.03
mioc2799	4 S	0.02	fcrc4876	4 S	0.03
fcrb4252	4 S	0.02	hfcr5987	4S	0.03
ncrc4586	4 S	0.02	seob8300	4 S	0.03
seob2163	4 S	0.02	seoa9042	4 S	0.03
seob5624	4 S	0.02	seob4150	4S	0.04
hfcr1856	4 S	0.02	ncrc4000	4S	
seob8873	4 S	0.02			0.04
			ncr3934	4S	0.04
fcr2587	4 S	0.02	seoc3854	4 S	0.04
miob3330	4 S	0.02	fcrb5751	4 S	0.04
fcrc5721	4 S	0.02	miob1746	4 S	0.04
ncr2408	4 S	0.02	seob5465	4S	0.04
ncrb7292	4 S	0.02	fcrb8467	4 S	0.04
fcrc6513	4 S	0.02	miob5752	4S	0.04
seoa4158	4S	0.02	miod0455	4S	0.04
fcrc7228					
	4 S	0.02	seob1155	4S	0.04
seob4424	4 S	0.02	ncr4550	4S	0.04
fcrb4365	4 S	0.02	miob7106	4S	0.04
fcrc2670	4 S	0.02	ncrc4875	4S	0.04
fcrb6426	4 S	0.02	seob1748	4S	0.04
ncrc1231	4 S	0.02	fcrb3283	4S	0.04
fcr5316	4 S	0.02	mioa0908	4S	
miob8341	4S				0.04
		0.02	fcr6708	4S	0.04
mioa5531	4 S	0.02	mioc4086	4S	0.04
fcrc1947	4 S	0.02	fcr0860	4S	0.04

miob2668	4 S	0.04	fcrb2556	4 U	8.98e-04
fcr5930	4 S	0.04	fcrb9420	4 U	9.64e-04
fcr7518	4 S	0.04	hfcr5381	4 U	1.016874e-03
fcrb7880	4 S	0.04	hfcr6406	4 U	1.239885e-03
fcr3053	4S	0.04	miod1942	4 U	1.305311e-03
seob6198	4 S	0.04	mioc2348	4 U	1.386736e-03
mioa8314	4 S	0.04	miod6038	4 U	1.395436e-03
seoa8921	4 S	0.04	fcr3101	4 U	1.487316e-03
hfcr1314	4 S	0.04	ncrb3001	4 U	1.557302e-03
mioc7170	4 U	2.53e-06	seoa9740	4 U	1.598061e-03
mioa2072	4 U	3.26e-06	mioa0494	4 U	1.619093e-03
seoa4461	4 U	5.29e-06	ncrc1367	4 U	1.650171e-03
seoa6032	4 U	5.48e-06	ncr5719	4 U	1.677652e-03
seoa8894	4 U	1.1e-05	seoa4305	4 U	1.678116e-03
seob2697	4 U	1.66e-05	seob0304	4 U	1.693307e-03
ncr3751	4 U	1.95e-05	fcrb3165	4 U	1.760242e-03
miod7421	4 U	6.08e-05	fcrc5516	4 U	1.799844e-03
seoa9373	4 U	6.54e-05	seoc4380	4 U	1.956915e-03
mioa1370	4 U	8.87e-05	ncrc0150	4 U	1.985831e-03
seoa9482	4 U	9.27e-05	miod0340	4 U	2.021229e-03
fcrb7339	4 U	9.87e-05	miod2525	4 U	2.174809e-03
fcr4477	4 U	1.01e-04	fcrb2624	4 U	2.174826e-03
fcrb0265	4 U	1.2e-04	fcrb6187	4 U	2.177878e-03
seob6189	4 U	1.32e-04	fcr7419	4 U	2.260166e-03
ncr3262	4 U	1.4e-04	seoal065	4 U	2.312579e-03
fcr0253	4 U	1.45e-04	fcrc6016	4 U	2.3165e-03
seoa7652	4 U	1.5e-04	miod6467	4 U	2.34447e-03
seob6851	4 U	1.55e-04	mioa1976	4 U	2.452224e-03
fcrb3461	4 U	1.6e-04	miob8143	4 U	2.489145e-03
miod5651	4 U	1.77e-04	seoa3670	4 U	2.543649e-03
hfcr2390	4 U	1.83e-04 1.89e-04	ncrc1578	4 U	2.579378e-03
miod5505 seob6751	4 U		mioc8434	4 U	2.661058e-03
seoc2264	4 U 4 U	2.02e-04 2.1e-04	fcrb4409	4 U	2.722505e-03
fcrc1381	4U	2.1e-04 2.28e-04	fcr0999 seob3307	4 U	2.730498e-03
seoc1175	4U	2.23e-04 2.33e-04	seoa9814	4U 4U	2.811695e-03 2.836239e-03
seoc0999	4U	2.44e-04	mioa7140		2.898369e-03
hfcr1073	4U	2.54e-04	ncrc6359	4U 4U	2.898846e-03
mioc6260	4 U	2.92e-04	miob0167	4 U	2.975083e-03
fcrc0112	4 U	3.06e-04	fcrb2933	4U	3.049655e-03
ncr0153	4 U	3.07e-04	mioa2185	4U	3.147097e-03
fcr5779	4 U	4.02e-04	mioa3856	4U	3.151528e-03
fcrb7830	4 U	4.09e-04	seoa5683	4U	3.160612e-03
ncrc5663	4 U	5.0e-04	mioa0187	4 U	3.279663e-03
mioc2602	4 U	5.18e-04	mioa2374	4 U	3.293401e-03
ncrc4757	4 U	5.23e-04	ncrb0145	4 U	3.359507e-03
fcr2607	4 U	5.84e-04	fcrb3017	4 U	3.376066e-03
seoa4739	4 U	5.91e-04	miob8274	4 U	3.404337e-03
seob9145	4 U	6.11e-04	seob4972	4 U	3.531512e-03
fcrc3750	4 U	6.22e-04	seob2797	4 U	3.6022e-03
ncrb2266	4 U	6.45e-04	seoa1749	4 U	3.637644e-03
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mioa6418	4 U	7.09e-04	seoa1480	4 U	3.790975e-03
miod1925	4 U	7.23e-04	fcr3155	4 U	3.832262e-03
mioc4089	4 U	7.46e-04	ncr2182	4 U	3.847974e-03
mioc7362	4 U	7.52e-04	seoa6573	4 U	3.875968e-03
seob3303	4 U	7.67e-04	ncrc4531	4 U	4.208322e-03
seoa8979	4 U	8.23e-04	miod4140	4 U	4.240281e-03
hfcr0478	4 U	8.43e-04	mioc0567	4 U	4.279318e-03
mioa5355	4 U	8.58e-04	seoa9711	4 U	4.329889e-03
ncr8041	4 U	8.61e-04	mioc0347	4 U	4.417094e-03
fcr0824	4 U	8.62e-04	miob8226	4 U	4.470203e-03
fcrc7102	4 U	8.87e-04	fcrc0959	4 U	4.530274e-03
mioa6731	4 U	8.9e-04	mioa0890	4 U	4.570501e-03

mioa0909	4 U	4.589875e-03	fcrb3894	4 U	9.03812e-03
miod4686	4 U	4.657868e-03	fcrb2299	4 U	9.0502e-03
ncrb4912	4 U	4.752707e-03	seob3415	4 U	9.05062e-03
mioa6739	4 U	4.778158e-03	seoa1737	4 U	9.470911e-03
mioa0826	4 U	4.884238e-03	mioc4835	4 U	9.495048e-03
mioa6621	4 U	4.904983e-03	fcrc5846	4U	9.622113e-03
mioa9831	4U	4.946737e-03			
			ncr4113	4 U	9.724485e-03
fcrb8942	4 U	5.08231e-03	mioa6035	4 U	9.789009e-03
fcrc0430	4 U	5.084925e-03	fcr3367	4 U	9.80502e-03
ncr2862	4 U	5.163569e-03	miob8214	4 U	0.01
ncrc5500	4 U	5.175143e-03	mioc4366	4 U	0.01
ncr3313	4 U	5.18529e-03	miob9336	4 U	0.01
miod3592	4 U	5.253602e-03	seob1574	4 U	0.01
ncrb1398	4 U	5.295501e-03	miob4037	4 U	0.01
miod3254	4 U	5.326719e-03	mioa2993	4 U	0.01
mioc8619	4 U	5.353299e-03	mioa6585	4 U	0.01
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fcrc6560	4U	5.571911e-03			
			fcrb5918	4 U	0.01
fcr3282	4 U	5.608041e-03	ncrb8451	4 U	0.01
seoc3588	4 U	5.826485e-03	fcrb3584	4 U	0.01
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fcr0608	4 U	6.096137e-03	fcr2598	4 U	0.01
ncrb1337	4 U	6.21911e-03	mioa6135	4 U	0.01
ncrc6712	4 U	6.41394e-03	hfcr5970	4 U	0.01
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fcrb8187	4 U	6.498087e-03	fcrb5389	4 U	0.01
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fcr4469	4 Ü	6.567393e-03	fcrb5422	4 U	0.01
mioa1303	4 U	6.633139e-03	seoc2226	4 U	0.01
fcrb2765	4U	6.689668e-03	mioa6721		
miod5612	4U	6.698915e-03		4 U	0.01
			ncrc5959	4 U	0.01
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ncr9956	4 U	6.920421e-03	fcrb7588	4 U	0.01
ncrb8207	4 U	7.041692e-03	miob8373	4 U	0.01
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mioa1427	4 U	7.073426e-03	mioc0560	4 U	0.01
seoa9935	4 U	7.197022e-03	fcrb7808	4 U	0.01
mioa6093	4 U	7.268139e-03	mioa5097	4 U	0.01
miod6213	4 U	7.325332e-03	mioa2213	4 U	0.01
miob4058	4 U	7.329008e-03	miod4342	4 U	0.01
seoa7078	4 U	7.471779e-03	ncrc6171	4U	0.01
mioc6925	4 U	7.512586e-03	seoa7094	4U	
ncrc3936	4U				0.01
		7.54805e-03	fcrb3897	4 U	0.01
seob2169	4 U	7.634987e-03	mioc7471	4 U	0.01
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hfcr0517	4 U	7.704251e-03	seoa5552	4 U	0.01
fcrb9655	4 U	7.792172e-03	ncrb5737	4 U	0.01
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mioc7998	4 U	7.939586e-03	mioc4788	4 U	0.01
fcrb1329	4 U	8.164602e-03	seoa2639	4 U	0.01
miob1493	4 U	8.197903e-03	seob7747	4 U	0.01
fcrc0228	4 U	8.284667e-03	miod2264	4 U	0.01
seoa4070	4 U	8.351138e-03	ncr1428	4 U	0.01
fcrb1684	4 U	8.355442e-03	fcrc1758	4U	0.01
seob8065	4 U	8.459463e-03	mioa4944	4U	0.01
ncrc6264	4 U	8.530558e-03			
mioa6738	4U		miob5119	4 U	0.01
		8.769774e-03	seoc4748	4 U	0.01
miob1506	4 U	8.830271e-03	seob2938	4 U	0.01
mioa0707	4 U	9.037843e-03	fcrc1745	4 U	0.01

miod0187	4 U	0.01	mioa3940	4 U	0.02
mioa8998	4 U	0.01	seob9430	4 U	0.02
mioc2039	4 U	0.01	fcr6534	4 U	0.02
mioc2546	4 U	0.01	fcrb8901	4 U	0.02
miob4860	4 U	0.01	seob8873	4 U	0.02
mioa9258	4 U	0.01	miod6387	4 U	0.02
ncrc3258	4 U	0.01	miob3330	4 U	0.02
miob3411	4 U	0.01	fcrc5721	4 U	0.02
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seob0418	4 U	0.01	seob4424	4 U	0.02
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miod5372	4 U	0.01	mioa5531	4 U	0.02
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mioc4730	4 U	0.01	fcrc6228	4 U	0.02
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	4 U	0.01			
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mioa4628	4 U	0.01	hfcr0734	4 U	0.03
ncrc2273	4 U	0.01	fcr2952	4 U	0.03
ncrc5608	4 U	0.01	fcr4433	4 U	0.03
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mioa0601	4 U	0.01	miod6234	4 U	0.03
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fcrb2704	4 U	0.02	seob7981	4 U	0.03
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mioc5736	4 U	0.02	fcrb2090	4 U	0.03
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mioc0052	4 U	0.02	ncr2269	4 U	0.04
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miod3027	4 U	0.04	fcrb8393	7A.	6.674381e-03
seob1155	4 U	0.04	ncrc1469	7A	6.823212e-03
seoa3443	4 U	0.04	fcrb3330	7A	6.930815e-03
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seoa5848	7A	1.023089e-03	seoa4333 mioa5902	7A	8.239225e-03
mioc7444	7A	1.056907e-03		7A	8.26574e-03
fcrc2455	7A 7A	1.247088e-03	ncrc4323 seob7180	7A	8.456349e-03
mioa9246	7A	1.742382e-03		7A	8.878316e-03
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seob8212	7A 7A	2.146053e-03	ncrc8963	7A	9.097822e-03
fcrb5187	7A	2.140033e-03 2.160316e-03	ncrc1952	7A	9.151906e-03
seob8321	7A	2.411238e-03	mioa3428	7A	9.325496e-03
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miob4574	7A	4.280838e-03	seoa5785	7A	0.01
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fcrb1697	7A	5.247909e-03	miob4221	7A 7A	0.01
ncrc9469	7A	5.631261e-03	seoa0462		
fcrb7944	7A	5.840758e-03	fcr0788	7A 7A	0.01
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fcrb9068	7A	6.207763e-03	fcrc2829	7A	0.01
seob6096	7A	6.274797e-03	ncrc9633	7A	0.01
fcrb5259	7A	6.483437e-03	seob8104	7A	0.01
ncrc0185	7A	6.570639e-03	seoa5698	7A	0.01
110100100	11	0.5/00598-05	36043030	7A	0.01

fcrb9588	7A	0.01	fcrb1580	77	0 00
ncrc5025	7A	0.01	ncr6578	7A	0.02
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			hfcr2658	7A	0.02
mioc1928	7A	0.01	ncr5065	7A	0.02
ncrc6796	7A	0.01	fcrb6871	7 <b>A</b>	0.02
seoa3102	7A	0.01	seoc3883	7 <b>A</b>	0.02
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fcrb8334	7A	0.01	miob5012	7A	0.02
fcrb1731	7A	0.01	seoa6598	7A	0.02
fcrc2099	7A	0.01	ncrb8530	7A	0.02
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miob0399	7A	0.01	seob6198	7 <b>A</b>	0.02
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fcrb4280	7A	0.01	fcrb2592	7A	0.02
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ncrc3080	7A	0.01	fcrc5004	7 <b>A</b>	0.02
mioc3958	7A	0.01	seob5004	7A	0.02
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miob4975	7A	0.01	miod1030	7A	0.02
mioa3514	7 <b>A</b>	0.01	seoc1023	7A	0.02
fcrb4832	7 <b>A</b>	0.01	fcr4634	7A	0.02
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fcr2897	7A	0.01	seob4191	7A	0.02
fcrc0367	7A	0.01	miod3826	7A	0.02
mioc2451	7A	0.01	fcrc5831	7A	0.02
seob9552	7A	0.01	mioc2662	7A	0.02
ncr0761	7A	0.01	seob5478	7A	0.02
miob3247	7A	0.01	seoc1627		
seob6437	7A	0.01		7A	0.02
ncrc3408			seob4001	7A	0.02
fcrb5761	7A	0.01	fcr3282	7A	0.02
	7A	0.01 0.01	fcrb8898	7A	0.02
fcrb1916	7A		seob9872	7A	0.02
ncr3934	7A	0.01	fcr6708	7A	0.02
fcrb9841	7A	0.01	hfcr2275	7A	0.02
seob8807	7A	0.01	seob3697	7A	0.02
ncrb8468	7A	0.01	fcrb3285	7A	0.02
miod5682	7A	0.01	ncr1658	7 <b>A</b>	0.02
seoa7897	7 <b>A</b>	0.01	miob7672	7A	0.02
ncrc4780	7A	0.01	seoa2962	7A	0.02
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miod1291	7A	0.01	seoc1278	7A	0.03
seoa4586	7 <b>A</b>	0.01	miob8077	7A	0.03
ncrc9153	7A	0.01	seoa0014	7 <b>A</b>	0.03
fcrc6470	7A	0.01	miob0167	7A	0.03
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seob6484	7A	0.02	ncr3369	7A	0.03
fcrb4321	7A	0.02	•		
ncrc1050	7A 7A	0.02	mioa9792	7A	0.03
			fcrb2200	7A	0.03
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seob9241	7A	0.02	fcrb6416	7A	0.03
ncr0016	7A	0.02	mioa9604	7A	0.03
mioa4674	7A	0.02	seob5044	7A	0.03
ncr3869	7A	0.02	mioc2184	7A	0.03
ncrc8892	7 <b>A</b>	0.02	mioa7957	7A	0.03

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seoc3588	7A	0.03	hfcr2046	7A	0.04
miob9163	7A	0.03	fcrb9118	7A	0.04
hfcr3592	7A	0.03	fcrc4408	7A	0.04
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seoa1776	7A	0.03	seoa2824	7A	0.04
miob0180	7A	0.03	ncrc6941	7A	0.04
ncr4656	7A	0.03	seob3009	7A	0.04
hfcr5003	7A	0.03	miob6437	7A	0.04
fcrc1014	7A	0.03	fcrb7487	7A	0.04
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seob0928	7A	0.03	ncrc9023	7A	0.04
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seob4492	7A	0.03	seoa5554	7A	0.04
fcrc5699	7A	0.03	fcrb8829	7A	0.04
fcrb2015	7A	0.03	hfcr2955	7B	5.09e-05
fcrc6570	7A	0.03	mioa1055	7B	3.84e-04
seob5379	7A	0.03	fcrb5840	7B	3.87e-04
seoc1230	7A	0.03	seob9302	7B	5.06e-04
seob5214	7A	0.03	ncr0836	7B	5.56e-04
seoc1661	7A	0.03	fcrb4413	7B	1.011219e-03
seob0497	7A	0.03	miob0636	7B	1.023089e-03
miob6373	7A	0.03	seoa5848	7B	1.02893e-03
ncr9934	7A	0.03	mioc7444	7в	1.056907e-03
miob6290	7A	0.03	fcrc2455	7B	1.247088e-03
mioa1276	7A	0.03	mioa9246	7B	1.742382e-03
mioal165	7A	0.03	miob8704	7B	1.816261e-03
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			mioa8594	7B	2.071556e-03
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fcrb9324	7A	0.03	fcrb5187	7B	2.160316e-03
seob3191	7A	0.04	seob8321	7B	2.411238e-03
seob6020	7A	0.04	ncrb6087	7B	2.447161e-03
mioa1353	7A	0.04	ncr9175	7B	2.614876e-03
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	7A		fcr3714	7B	2.947117e-03
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seoc0268	7A	0.04	seoc1664	7B	3.357752e-03
seob0047	7A	0.04	ncr0791	7B	3.83397e-03
seoa3633	7A	0.04	ncrc9642	7B	3.889141e-03
fcrb5092	7A	0.04	fcrb9096	7B	3.931911e-03
fcrb1687	7A	0.04	ncrc3049	7B	4.065059e-03
seob5064	7A	0.04	seob6535	7B	4.182541e-03
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				7B	
seob9946	7A	0.04	fcrc0075	7B	4.248397e-03
mioc3930	7A	0.04	miob4574	7B	4.280838e-03
seob1316	7A	0.04	seob5213	7B	4.291681e-03
ncr2256	7A	0.04	miod6560	7B	4.342561e-03
seoa6144	7A	0.04	hfcr6611	7B	4.494123e-03
ncrc0592	7A	0.04	seoc1535	7B	4.804365e-03
miob2093	7A	0.04	seoc2510	7B	4.948173e-03
fcrb6734	7A	0.04	ncrb0513	7B	5.005288e-03
fcrb8910	7A	0.04	seoa8521	7B	5.057401e-03
seoa4158	7A	0.04	ncrc5150	7B	5.168054e-03
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seoa6393	7A	0.04	fcrb1697	7B	5.247909e-03
miob4064	7 <b>A</b>	0.04	ncrc9469	7B	5.631261e-03
mioc2694	7A	0.04	fcrb7944	7B	5.840758e-03

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seoa5843	7B	6.002825e-03	seoa6530	7B	0.01
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seob6096	7B	6.274797e-03	fcrc2829	7B	0.01
fcrb5259	7B	6.483437e-03	ncrc9633	7B	0.01
ncrc0185	7B	6.570639e-03	seob8104	7B	0.01
seob3163	7B	6.585485e-03	seoa5698	7B	0.01
fcr1657	7B	6.595853e-03	fcrb9588	7B	0.01
ncrc5716	7B	6.616725e-03	ncrc5025	7B	0.01
fcrb8393	7B	6.674381e-03	fcrb5775	7B	0.01
ncrc1469	7B	6.823212e-03	mioc1928	7B	0.01
fcrb3330	7B	6.930815e-03	ncrc6796	7B	0.01
seoa2391	7B	6.95326e-03	seoa3102	7B	0.01
mioc5678	7B	6.998647e-03	ncr0018	7B	0.01
fcrb1807	7B	7.006094e-03	fcrb8334	7B	0.01
seoa7926	7B	7.014042e-03	fcrb1731	7B	0.01
fcrb6472	7B	7.107374e-03	fcrc2099	7B	0.01
fcrb1920	7B	7.188322e-03	seob7346	7B	0.01
ncrb0550	7B	7.225645e-03	fcrb3808	7B	0.01
fcrb2754	7B	7.264187e-03	fcrb2495	7в	0.01
miob4956	7B	7.349209e-03	miob0399	7B	0.01
seob6414	7B	7.368386e-03	miob2163	7B	0.01
fcrb8485	7B	7.481387e-03	fcr2861	7B	0.01
ncrc3161	7B	7.607648e-03	fcrb4280	7B	0.01
mioa9033	7в	7.801274e-03	ncrc5016	7B	0.01
hfcr6141	7B	7.924398e-03	ncrc6479	7B	0.01
fcr1724	7B	7.976219e-03	ncrc3080	7B	0.01
seoc0394	7B				
		7.98437e-03	mioc3958	7B	0.01
mioc3523	7B	8.137321e-03	fcrb2376	7B	0.01
seoa4333	7B	8.239225e-03	seoc1025	7B	0.01
mioa5902	7B	8.26574e-03	miob4975	7B	0.01
ncrc4323	7в	8.456349e-03	seob5081	7B	0.01
seob7180	7в	8.878316e-03	mioa3514	7B	0.01
ncr1437	7B	8.894272e-03	fcrb4832	7B	0.01
mioc7471					
	7B	8.933176e-03	seoa5746	7B	0.01
ncrc8963	7B	9.097822e-03	fcrb1690	7B	0.01
ncrc1952	7B	9.151906e-03	mioc0317	7B	0.01
mioa3428	7B	9.325496e-03	ncr3397	7B	0.01
fcrb4400	7B	9.397631e-03	fcr2897	7в	0.01
seoc3426	7B	9.422754e-03	fcrc0367	7в	0.01
mioc5664	7B	9.457355e-03	mioc2451	7B	0.01
ncr9371	7B	9.632014e-03			
			seob9552	7B	0.01
seoa1812	7B	9.984721e-03	ncr0761	7B	0.01
fcrb2160	7B	0.01	miob3247	7в	0.01
seob1145	7B	0.01	seob6437	7B	0.01
hfcr5604	7B	0.01	ncrc3408	7B	0.01
miod0878	7B	0.01	fcrb5761	7B	0.01
miod0355	7B	0.01	fcrb1916	7B	0.01
fcrb4415					
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seob2797	7B	0.01	fcrb9841	7B	0.01
mioa2377	7B	0.01	seob8807	7B	0.01
fcrb3704	7B	0.01	ncrb8468	7B	0.01
fcrb1720	7B	0.01	miod5682	7B	0.01
seoa5785	7B	0.01	seoa7897	7B	0.01
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seob1319	7B	0.01	ncrb2798	7B	0.01
seoa2641	7B	0.01	seob2689	7B	0.01
seob6316	7B	0.01	mioa0582	7B	0.01
ncrc5959	7B	0.01	seob7409	7B	0.01
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fcrb2190	7B	0.01			
			miod1291	7B	0.01
fcrb8680	7B	0.01	seoa4586	7B	0.01
miob4221	7B	0.01	ncrc9153	7в	0.01
seoa0462	7B	0.01	fcrc6470	7B	0.01

fcrc5071	7B	0.02	fcrb9751	7в	0.03
seob6484	7B	0.02	ncr3369	7B	0.03
ncrc1050	7B	0.02	mioa9792	7B	0.03
ncr3718	7B	0.02	fcrb2200	7B	0.03
ncrc3733	7B	0.02	ncrc2827	7B	0.03
seob9241	7B	0.02	fcrc6028	7B	0.03
ncr0016	7B	0.02	fcrb6416	7B	0.03
mioa4674	7B	0.02	mioa9604	7B	0.03
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ncrc8892	7B	0.02	mioc2184	7B	0.03
fcrb1580	7B	0.02	mioa7957	7B	0.03
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hfcr2658	7B	0.02	miob9163	7B	0.03
ncr5065	7B	0.02	hfcr3592	7B	0.03
fcrb6871	7B	0.02	seoa1104	7B	0.03
seoc3883	7B	0.02	seoa1776	7B	0.03
seoa4181	7B	0.02	miob0180	7B	0.03
miob5012	7B	0.02	ncr4656	7B	0.03
seoa6598	7B	0.02	hfcr5003	7B	0.03
ncrb8530	7B	0.02	fcrc1014	7B	0.03
fcrb8061	7в	0.02	miod1825	7B	0.03
ncrc1379	7B	0.02	miob0189	7B	0.03
seob6198	7в	0.02	miod2225	7B	0.03
fcrb8690	7в	0.02	fcrb3169	7B	0.03
fcrb2592	7в	0.02	fcrb4995	7B	0.03
mioa3588	7в	0.02	ncr8420	7B	0.03
seob3371	7B	0.02	mioa0890	7в	0.03
ncr9337	7B	0.02	fcrb5467	7в	0.03
fcrc5004	7в	0.02	ncrb8330	7в	0.03
seob5004	7B	0.02	fcrc0559	7B	0.03
seoa1552	7в	0.02	seob0928	7B	0.03
miob5467	7B	0.02	ncr2575	7B	0.03
miod1030	7B	0.02	seob4492	7B	0.03
seoc1023	7B	0.02	fcrc5699	7B	0.03
fcr4634	7B	0.02	fcrb2015	7B	0.03
ncr5192	7B	0.02	fcrc6570	7B	0.03
fcrb2126	7B	0.02	seob5379	7B	0.03
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seob4191	7B	0.02	seob5214	7B	0.03
miod3826	7B	0.02	seoc1661	7B	0.03
fcrc5831	7B	0.02	seob0497	7B	0.03
mioc2662	7B	0.02	miob6373	7B	0.03
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seoc1627	7B	0.02	miob6290	7B	0.03
seob4001 fcr3282	7B 7B	0.02	mioa1276	7B	0.03
seob9872	7B	0.02 0.02	mioa1165	7B	0.03
fcr6708	7B	0.02	ncrc9681	7B	0.03
seoc2518	7B	0.02	ncrc4757	7B 7B	0.03 0.03
hfcr2275	7B	0.02	fcrb9324 seob3191	7B	0.03
seob3697	7B	0.02	seob3191 seob6020	7B	0.04
fcrb3285	7B	0.02	mioa1353	7B	0.04
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seoa2962	7B	0.02	ncr7973	7B	0.04
ncrc5417	7B	0.02	fcrb3074	7B	0.04
mioa0247	7B	0.02	seob0047	7B	0.04
ncrc8932	7B	0.02	seoa3633	7B	0.04
ncr9983	7B	0.02	fcrb5092	7B	0.04
mioa9630	7B	0.03	seob8031	7B	0.04
seoc1278	7B	0.03	fcrb1687	7B	0.04
miob8077	7B	0.03	seob5064	7B	0.04
seoa0014	7B	0.03	fcrb9520	7B	0.04
miob0167	7B	0.03	seob9946	7B	0.04

mioc3930	7B	0.04	miob1059	7C	3.273784e-03
seob1316	7в	0.04	fcr1657	7C	3.33072e-03
ncr2256	7B	0.04	seob6879	7C	3.527558e-03
seoa6144	7B	0.04	ncr3869	7C	3.790137e-03
ncrc0592	7B	0.04	miob0180	7C	3.857035e-03
miob2093	7B	0.04	hfcr6611	7C	4.095694e-03
fcrb6734	7B	0.04			
			seoc3426	7C	4.1094e-03
fcrb8910	7B	0.04	miob0636	7C	4.169115e-03
seoa4158	7B	0.04	mioc3523	7C	4.183983e-03
seoa6393	7в	0.04	ncrc1608	7C	4.401747e-03
miob4064					
	7B	0.04	ncrc0729	7C	4.516067e-03
mioc2694	7В	0.04	ncr0791	7C	4.561328e-03
fcrb5198	7B	0.04	seob1319	7C	4.576012e-03
hfcr2046	7B	0.04	seob8104	7C	4.730107e-03
fcrc4408		0.04			
	7B		mioa9246	7C	4.789915e-03
miob2210	7B	0.04	mioc1978	7C	4.797667e-03
seoa2824	7B	0.04	miod1908	7C	4.876308e-03
ncrc6941	7B	0.04	mioa5468	7C	4.907885e-03
seob3009	7B	0.04			
			seob5032	7C	4.975292e-03
miob6437	7B	0.04	miob4378	7C	5.078973e-03
fcrb7487	7B	0.04	fcrb3330	7C	5.374198e-03
seoa4598	7B	0.04	seoc4748	7C	5.469684e-03
fcrb4579	7B	0.04	mioc3962		
				7C	5.503304e-03
mioc8278	7B	0.04	mioc3958	7C	5.585154e-03
ncrb8437	7B	0.04	fcrc0367	7C	5.737407e-03
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mioa8852	7B	0.04	miob9087	7C	
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mioc8945	7B	0.04	ncrc5716	7C	6.68224e-03
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fcrb8829	7B	0.04	ncrc9633	7C	6.817579e-03
ncr8199	7B	0.04	miob0189	7C	7.012368e-03
fcrb6620	7C	1.77e-04	seoc0394	7C	7.095938e-03
miob4574	7C	1.83e-04	ncr8910	7C	7.351684e-03
mioc7444	7C	2.56e-04			
			fcrb7255	7C	7.43613e-03
ncrc5150	7C	3.13e-04	miob7794	7C	7.579496e-03
seoa3344	7C	4.55e-04	fcrc0345	7C	7.916289e-03
ncrb6087	7C	4.71e-04	seoc1025	7C	7.956279e-03
ncr0438	7C	5.19e-04			
			seoa4524	7C	8.152986e-03
mioa9033	7C	5.75e-04	ncrc3080	7C	8.155422e-03
fcrb5840	7C	8.51e-04	ncr0045	7C	8.177432e-03
ncr0761	7C	1.385274e-03	miob0167	7C	8.26841e-03
fcrc2455	7C	1.385374e-03	ncrc0185	7C	8.347022e-03
		1.392876e-03			
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miob2227	7C	1.414e-03	mioc7542	7C	8.570606e-03
mioc7471	7C	1.435651e-03	fcrb9841	7C	8.62362e-03
fcr1724	7C	1.477911e-03	ncr9123	7C	9.047244e-03
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seob5778	7C	2.02244e-03	fcrc0604	7C	9.581387e-03
	7C				
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fcrb1920	7C	2.220558e-03	seob9241	7C	9.629249e-03
hfcr2295	7C	2.485914e-03	miob4221	7C	9.796545e-03
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mioc2694	7C	0.01	seoa1552	7C	0.01
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mioc6298	7C	0.03	fcr3714	7 D	1.392876e-03
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fcrb2592	7 D	0.02	fcrb6031	7D	0.03
miob8578 fcr2897	7D 7D	0.02 0.02	fcrc4692 seoa2141	7D 7D	0.03 0.03
ncr4859	7D	0.02	ncrc3161	7D	0.03
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mioa7140 fcr5141	7D 7D	0.02	fcrc0308	7D 7D	0.03 0.03
seoall04	7 D	0.02	seob4795	7 D	0.03
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seoa1776	7D	0.02	ncr2575	7D	0.04
miob7913	7 D	0.02	ncr9105	7D	0.04
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seoa6175	7 D	0.03	fcrb2495	7 D	0.04
miob4413	7D	0.03	fcrc6997	7 D	0.04
fcrc5071 fcrb2356	7D 7D	0.03 0.03	fcrb4321	7D 7D	0.04 0.04
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fcrb4696 mioc2596	7D 7D	0.03 0.03	mioa5461 ncrb8530	7D 7D	0.04 0.04
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ncrb4428	7 D	0.03	fcrb4400	7 D	0.04
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miob9710	7D	0.03	mioc7444	7E	2.84e-04
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	7E		miod6560	7E	7.670992e-03
ncrc5716	7E	1.541187e-03	fcrb6871	7E	7.735804e-03
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ncrc9469	7E	1.756246e-03	fcr4634	7E	7.920675e-03
fcrb2754	7E	1.806486e-03	seoa0014	7E	7.920675e-03
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seoc0394	7E	1.949298e-03	seoa1552	7E	8.032912e-03
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ncrc0185	7E	2.830703e-03	seoc2510	7E	8.539969e-03
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seob1319	7E	2.864895e-03	fcrb3476	7E	8.741568e-03
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ncrc5150	7E	3.19704e-03	fcrb4415	7E	8.886086e-03
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fcrb3808	7 <u>E</u>	4.159535e-03	seoa2087	7E	0.01
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			seob4303		0.03
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mioc3716	7E	0.02	ncrc9351	7E	0.03
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ncrc4757	7E	0.02	mioa4318	7E	0.03
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hfcr7631	7 H	0.04	seob0782	7I	6.215714e-03
hfcr9743			seob4928	7I	6.215714e-03
	7 H	0.04	seoa6178	7 I	6.305954e-03
mioa0890	7 H	0.04	seob2658	7 I	7.212877e-03
mioa2295	7 H	0.04	ncrc0749	7 I	8.040483e-03
mioa4057	7 H	0.04	ncrb8035	7 I	8.36773e-03
mioa6595	7 H	0.04	ncrc6774	7 I	8.36773e-03
mioa7522	7 H	0.04	seob4029	7 <b>I</b>	8.879458e-03
mioa9062	7 H	0.04	ncrc4302	71	9.231614e-03
ncr1122	7 H	0.04	ncr3397	7 I	9.740651e-03
ncr2288	7 H	0.04	seoa5698	7I	
ncr3588	7 H	0.04			9.777088e-03
			mioc6341	7 I	0.01
ncr4040	7 H	0.04	miob9830	7 I	0.01
ncr7097	7 H	0.04	fcrb1158	7 I	0.01
ncr8413	7 H	0.04	fcrb6791	7 I	0.01
ncr9587	7 H	0.04	seoa5743	7 I	0.01
ncrb7465	7 H	0.04	seob1617	7 I	0.01
ncrc1665	7 H	0.04	fcr0187	7 I	0.01
seoa1776	7 H	0.04	fcrb5422	7 I	0.01
seoa3287	7 H	0.04	miod6554	7 I	0.01
seoa6466	7 H	0.04	ncrc9394	7I	
seoa6637	7 H	0.04			0.01
seoa6677			fcrc0350	7I	0.01
	7 H	0.04	ncr3587	7 I	0.01
seoa6754	7 H	0.04	seob5397	7 I	0.01
seob0085	7 H	0.04	fcr1394	7 I	0.01
seob0755	7 H	0.04	fcrb2996	7 I	0.01
seob2067	7 H	0.04	miob1833	7 I	0.01
seob4333	7 H	0.04	ncre5706	7 I	0.01
seob5336	7 H	0.04	mioa0291	7 I	0.01
hfcr8495	7 H	0.04	fcr0535	7 I	0.01
hfcr3846	7 H	0.04	fcrb2715	7I	0.01
seoa1483	7 H	0.04	ncrb8160	7I	0.01
seoa9603	7 H	0.04	ncrc3864	7 I	0.01
mioa9179	7 H	0.04	ncrd4954		
seoa3344	7 H	0.04		7I	0.01
			seoa9930	7I	0.01
mioa8861	7 H	0.04	seob0928	7 I	0.02
ncrc5054	7 H	0.04	mioc7509	7 I	0.02
hfcr6534	7 H	0.04	cr0491 7I	0.	
seob6368	7 H	0.04	seob9435	7 I	0.02
mioa8594	7 H	0.04	mioc6973	7 I	0.02
fcrb2545	7 H	0.04	ncrd7372	7 I	0.02
seoa0799	7 H	0.04	ncr0004	7 I	0.02
miob5632	7 H	0.04	seoc1305	7 I	0.02
mioa4014	7 H	0.04	seob9614	7 I	0.02
miob3911	7I	4.41e-04	ncrd4929	7 I	0.02
seob2067	7I	6.57e-04	fcrb1769	7 I	0.02
ncrc4772	7I	8.82e-04			
seoc0149	7I	2.085221e-03	fcrb5441	7 I	0.02
			fcrb6469	7 I	0.02
ncrc4759	71	2.552738e-03	fcrb9124	7 I	0.02
ncrb0074	7 I	2.926149e-03	miod4539	7 I	0.02
fcrb9565	7 I	3.208495e-03	ncr7852	7 I	0.02
fcrc2431	7 I	3.223683e-03	ncrc4132	7 I	0.02
hfcr1826	7 I	3.257445e-03	ncrc6749	7 I	0.02
miob3120	7 I	3.257445e-03	seoa8979	7 I	0.02
seoa9209	7 I	3.257445e-03	seoc1025	7 I	0.02
soa0550	7I	4.178366e-03	seoa2381	7 I	0.02
miod6038	7I	4.186981e-03	ncrc9168	7I	0.02
ncrc3690	7I	4.482529e-03			
fcrb4718			fcrb8664	7I	0.02
	7 I	4.540706e-03	ncr1122	7 I	0.02
seoa9656	7I	4.540706e-03	miod2330	7 I	0.02
mioc6269	7I	5.370316e-03	ncrb6846	7 I	0.02

ncr9105	7I	0.02	seoc2136	71	0.03
fcr2498	71	0.02	miob9533	7I	0.03
hfcr0130	71	0.02	fcrb6738	7I	0.03
miob4221	71	0.02	fcr4725	7I	0.04
mioc8254	7I	0.02	fcrb8236	7I	0.04
fcrc6010	7 I	0.02	fcrb6723	7 I	0.04
fcr1225	7 I	0.02	fcr1463	7I	0.04
fcr1994	7I	0.02	miob8694		
fcrb7723	7 I	0.02		7 I	0.04
			seoa7917	7I	0.04
mioa4810	7 I	0.02	ncrc9530	7I	0.04
miob5412	7 I	0.02	seob6558	71	0.04
mioc3574	71	0.02	mioa5468	7I	0.04
ncrc0320	71	0.02	miod6324	7 I	0.04
ncrc5762	71	0.02	fcrb0131	71	0.04
ncrd3638	7 I	0.03	fcrc0839	71	0.04
fcrb4383	7I	0.03	hfcr6336	71	0.04
fcrb7699	7 I	0.03	mioa5202	71	0.04
fcrb3153	7I	0.03	ncr7668	7I	0.04
ncrb3468	7 I	0.03	ncrc5492	7 I	0.04
fcrc5506	71	0.03	seob4065	7I	0.04
seob7082	7I	0.03	seob9420	7 I	0.04
miob8992	7 I	0.03	seob9818	7I	0.04
fcrc7243	7I	0.03	seoc4748	7I	0.04
hfcr3019	71	0.03	hfcr2275	7I	0.04
ncrd3708	7 I	0.03	seoa8018	7 I	0.04
seoa1776	71	0.03	ncrc0728	71	0.04
seoa1883	71	0.03	fcrb3080	71	0.04
seoa5580	71	0.03	11120000		
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Table #0D			
Table #8B	Mable# muslue	166-0	n_1_1 _ # 1
AffySpot 201794 s at	Table# pvalue 1AA 1.68e-06	<del></del>	Table# pvalue
212640_at	1AA 1.08e-06 1AA 4.74e-06	208137_x_at 219734 at	1AA 8.08e-04
205060 at	1AA 4.18e-05	219734_ac 91684_g_at	1AA 8.16e-04 1AA 8.64e-04
204686 at	1AA 6.09e-05	213694 at	1AA 8.67e-04
212648 at	1AA 6.57e-05	200867 at	1AA 8.76e-04
224369 s at	1AA 6.68e-05	202545 at	1AA 8.9e-04
221306 at	1AA 1.23e-04	207314 x at	
224906 at	1AA 1.35e-04	211733 x at	
203810_at	1AA 1.37e-04	202184 s at	1AA 9.34e-04
208248_x_at	1AA 1.67e-04	214109 at	1AA 9.39e-04
221582_at	1AA 1.85e-04	214743_at	1AA 9.48e-04
216907_x_at	1AA 1.92e-04	221419_s_at	
211935_at	1AA 2.21e-04	211926_s_at	
212718_at	1AA 2.37e-04	211945_s_at	1AA 9.48e-04
203254_s_at	1AA 2.53e-04	200649_at	1AA 9.48e-04
215049_x_at	1AA 2.69e-04	216041_x_at	1AA 9.79e-04
202443_x_at 208772 at	1AA 2.69e-04	204675_at	1AA 9.94e-04
214173 x at	1AA 2.69e-04 1AA 2.72e-04	219279_at	1AA 9.95e-04
230243 at	1AA 2.72e-04 1AA 2.91e-04	218566_s_at 205292 s at	
201935_s_at	1AA -3.21e-04	203292_S_at 202461 at	1AA 1.028944e-03 1AA 1.056849e-03
224859 at	1AA 3.63e-04	208686_s_at	1AA 1.056894e-03
206059 at	1AA 3.84e-04	211987 at	1AA 1.070779e-03
204573 at	1AA 4.09e-04		1AA 1.073209e-03
218236 s at	1AA 4.12e-04	215606 s at	1AA 1.075892e-03
200709_at	1AA 4.2e-04	217815 at	1AA 1.09023e-03
202783_at	1AA 4.24e-04	213440 at	1AA 1.108962e-03
203037_s_at	1AA 4.3e-04	216997 <u>x</u> at	1AA 1.110697e-03
206632_s_at	1AA 4.35e-04	212763_at	1AA 1.17205e-03
1564785_at	1AA 4.37e-04	210428_s_at	1AA 1.172917e-03
200697_at	1AA 4.56e-04	218501_at	1AA 1.182111e-03
202638_s_at	1AA 4.65e-04	224658_x_at	1AA 1.212659e-03
202786_at 208704 x at	1AA 4.73e-04 1AA 4.78e-04	200610_s_at	
212863 x at	1AA 4.78e-04 1AA 4.91e-04	219470_x_at 208777_s_at	
213906 at	1AA 4.93e-04	200777_s_at 219777_at	1AA 1.284705e-03 1AA 1.29045e-03
209585 s at	1AA 5.43e-04	212590 at	1AA 1.29045e-03
203392 s at	1AA 5.55e-04	203640_at	1AA 1.3161e-03
41577 at	1AA 6.09e-04	202910_s_at	1AA 1.333828e-03
$20247\overline{1} \text{ s at}$	1AA 6.18e-04	203537 at	1AA 1.335028e-03
202610_s_at	1AA 6.26e-04	224764_at	1AA 1.363715e-03
200046_at	1AA 6.37e-04	208896 <u>a</u> t	1AA 1.363848e-03
200742_s_at	1AA 6.39e-04	225558_at	1AA 1.375945e-03
204497_at	1AA 6.55e-04	211571_s_at	1AA 1.375945e-03
204396_s_at	1AA 6.59e-04	200845_s_at	1AA 1.375945e-03
203970_s_at	1AA 6.62e-04	218098_at	1AA 1.42754e-03
201118_at	1AA 6.72e-04	244498_x_at	1AA 1.435389e-03
201687_s_at 209960 at	1AA 6.86e-04 1AA 7.13e-04	243750_x_at	1AA 1.478026e-03
209960_at 212500 at		218223_s_at	1AA 1.479659e-03
217862 at	1AA 7.33e-04 1AA 7.33e-04	204860_s_at	1AA 1.487699e-03
217970 s at	1AA 7.33e-04 1AA 7.43e-04	224991_at 214306 at	1AA 1.543497e-03 1AA 1.620502e-03
204806_x_at	1AA 7.43e-04 1AA 7.43e-04	214306_at 218568_at	1AA 1.620526e-03
203264 s at	1AA 7.48e-04	218311 at	1AA 1.622558e-03
219183 s at	1AA 7.53e-04	210311_ac 218172 s at	1AA 1.632171e-03
213291 s at	1AA 7.54e-04	221505 at	1AA 1.663732e-03
220999 s at	1AA 7.75e-04	202739 s at	1AA 1.67119e-03
202096_s_at	1AA 7.86e-04	45749 at	1AA 1.712874e-03
202720_at	1AA 7.88e-04	45526 g at	1AA 1.712874e-03
217197_x_at	1AA 8.02e-04	37028_at	1AA 1.712874e-03

36499_at	1AA 1.712874e-03	203574 at	1AA 1.712874e-03
33646_g_at	1AA 1.712874e-03	203733 at	1AA 1.712874e-03
41160 at	1AA 1.712874e-03	<del></del>	
		204119_s_at	1AA 1.712874e-03
41469_at	1AA 1.712874e-03	204798 at	1AA 1.712874e-03
33850_at	1AA 1.712874e-03	203926 x at	1AA 1.712874e-03
91682 at	1AA 1.712874e-03		
		204565_at	1AA 1.712874e-03
218963 s at	1AA 1.712874e-03	203691 at	1AA 1.712874e-03
219675 s at	1AA 1.712874e-03	204732 s at	1AA 1.712874e-03
218580_x_at	1AA 1.712874e-03	203746_s_at	1AA 1.712874e-03
220015 at	1AA 1.712874e-03	203535 at	1AA 1.712874e-03
219931 s at	1AA 1.712874e-03	203616 at	1AA 1.712874e-03
		<del>-</del>	
218854_at	1AA 1.712874e-03	203281_s_at	1AA 1.712874e-03
220305_at	1AA 1.712874e-03	221875_x_at	1AA 1.712874e-03
219506 at	1AA 1.712874e-03	220784 s at	1AA 1.712874e-03
218540_at	1AA 1.712874e-03	220785_at	1AA 1.712874e-03
220370 s_at	1AA 1.712874e-03	222360 at	1AA 1.712874e-03
219375_at	1AA 1.712874e-03	221790 <sup>-</sup> s at	1AA 1.712874e-03
219512 at	1AA 1.712874e-03		
		220684_at	1AA 1.712874e-03
218750_at	1AA 1.712874e-03	221903 s at	1AA 1.712874e-03
219049 at	1AA 1.712874e-03	211506 s at	1AA 1.712874e-03
218810 at	1AA 1.712874e-03	211919 s at	1AA 1.712874e-03
219960_s_at	1AA 1.712874e-03	210069_at	1AA 1.712874e-03
213524 s at	1AA 1.712874e-03	210361 s at	1AA 1.712874e-03
214472 at	1AA 1.712874e-03	209456 s at	1AA 1.712874e-03
_	-		
212983_at	1AA 1.712874e-03	210985_s_at	1AA 1.712874e-03
214005_at	1AA 1.712874e-03	212209 at	1AA 1.712874e-03
214132 at	1AA 1.712874e-03	209964_s_at	1AA 1.712874e-03
213671_s_at	1AA 1.712874e-03	210119_at	1AA 1.712874e-03
213798_s_at	1AA 1.712874e-03	209840 s at	1AA 1.712874e-03
213754 s at	1AA 1.712874e-03	209771 x at	1AA 1.712874e-03
213476 x at	1AA 1.712874e-03		1AA 1.712874e-03
		210873_x_at	
214733_s_at	1AA 1.712874e-03	211962_s_at	1AA 1.712874e-03
213811 x at	1AA 1.712874e-03	211333 <u>s</u> at	1AA 1.712874e-03
213587 s at	1AA 1.712874e-03	211941 s at	1AA 1.712874e-03
214290 s at	1AA 1.712874e-03		
		210042_s_at	1AA 1.712874e-03
213988_s_at	1AA 1.712874e-03	210216_x_at	1AA 1.712874e-03
214318 s at	1AA 1.712874e-03	211991 s at	1AA 1.712874e-03
214241 at	1AA 1.712874e-03	211942 x at	1AA 1.712874e-03
218164_at	1AA 1.712874e-03	202035 <u>s</u> at	1AA 1.712874e-03
218149 s at	1AA 1.712874e-03	202607 at	1AA 1.712874e-03
216841 s at	1AA 1.712874e-03	203233 at	1AA 1.712874e-03
218197_s_at	1AA 1.712874e-03	203202_at	1AA 1.712874e-03
218376_s_at	1AA 1.712874e-03	202081 at	1AA 1.712874e-03
$216304 \times at$	1AA 1.712874e-03	203141 s at	1AA 1.712874e-03
216979 at	1AA 1.712874e-03	202014 at	1AA 1.712874e-03
_			
218037_at	1AA 1.712874e-03	202467_s_at	1AA 1.712874e-03
218166_s_at	1AA 1.712874e-03	202475 at	1AA 1.712874e-03
215718 s at	1AA 1.712874e-03	202393 s at	1AA 1.712874e-03
216379 x at	1AA 1.712874e-03		
		202224_at	1AA 1.712874e-03
216526_x_at	1AA 1.712874e-03	202241_at	1AA 1.712874e-03
215498 s at	1AA 1.712874e-03	203021 at	1AA 1.712874e-03
215667_x_at	1AA 1.712874e-03	202692_s_at	1AA 1.712874e-03
215737_x_at	1AA 1.712874e-03	203081_at	1AA 1.712874e-03
217872_at	1AA 1.712874e-03	202631 s at	1AA 1.712874e-03
217094 s at	1AA 1.712874e-03	202919 at	1AA 1.712874e-03
217973_at	1AA 1.712874e-03	202647_s_at	1AA 1.712874e-03
217403_s_at	1AA 1.712874e-03	202319_at	1AA 1.712874e-03
217969 at	1AA 1.712874e-03	202314 at	1AA 1.712874e-03
218280 x at	1AA 1.712874e-03		
		202299_s_at	1AA 1.712874e-03
215739_s_at	1AA 1.712874e-03	202933_s_at	1AA 1.712874e-03
218198 at	1AA 1.712874e-03	205180 s at	1AA 1.712874e-03
204212 at	1AA 1.712874e-03	206555 s at	1AA 1.712874e-03
204563_at	1AA 1.712874e-03	205025_at	1AA 1.712874e-03
204257_at	1AA 1.712874e-03	206157_at	1AA 1.712874e-03
		_	

205863_at	1AA 1.712874e-03	223243_s_at	1AA 1.881087e-03
205781_at	1AA 1.712874e-03	219166_at	1AA 1.903838e-03
206028_s_at	1AA 1.712874e-03	204274_at	1AA 1.912116e-03
207223_s_at	1AA 1.712874e-03	222729_at	1AA 1.948547e-03
205214_at	1AA 1.712874e-03	215399_s_at	1AA 1.956537e-03
206789 <u>s</u> at	1AA 1.712874e-03	215535_s_at	1AA 1.956537e-03
207196_s_at	1AA 1.712874e-03	203388_at	1AA 1.956537e-03
204918_s_at	1AA 1.712874e-03	205098_at	1AA 1.956537e-03
205682_x_at	1AA 1.712874e-03	214163_at	1AA 1.960361e-03
205230_at	1AA 1.712874e-03	218846_at	1AA 1.975623e-03
205114_s_at	1AA 1.712874e-03	226204_at	1AA 1.980114e-03
205767_at	1AA 1.712874e-03	203593_at	1AA 1.994724e-03
207313_x_at	1AA 1.712874e-03	212959_s_at	1AA 2.001797e-03
205246_at	1AA 1.712874e-03	221516_s_at	1AA 2.029439e-03
206551_x_at	1AA 1.712874e-03	211240_x_at	1AA 2.029439e-03
205220_at	1AA 1.712874e-03	206049_at	1AA 2.029439e-03
205376_at	1AA 1.712874e-03	212896_at	1AA 2.062025e-03
205715_at	1AA 1.712874e-03	209724_s_at	1AA 2.084719e-03
208692_at	1AA 1.712874e-03	212222_at	1AA 2.096959e-03
209004_s_at	1AA 1.712874e-03	201866_s_at	1AA 2.139639e-03
207765_s_at	1AA 1.712874e-03	202397_at	1AA 2.145692e-03
208857_s_at	1AA 1.712874e-03	221676_s_at	1AA 2.154619e-03
208910_s_at	1AA 1.712874e-03	211097_s_at	1AA 2.164372e-03
209189_at	1AA 1.712874e-03	219696_at	1AA 2.167487e-03
209029_at	1AA 1.712874e-03	208754_s_at	1AA 2.195803e-03
209201_x_at	1AA 1.712874e-03 1AA 1.712874e-03	212552_at	1AA 2.241001e-03
207724_s_at		218764_at	1AA 2.243814e-03
207627_s_at 209369 at	1AA 1.712874e-03 1AA 1.712874e-03	205684_s_at	1AA 2.257392e-03
209309_ac 208852 s at	1AA 1.712874e-03	203067_at 209682 at	1AA 2.286242e-03 1AA 2.325068e-03
208650 s at	1AA 1.712874e-03	60471 at	1AA 2.334388e-03
208949_s_at	1AA 1.712874e-03	222516 at	1AA 2.343346e-03
209311 at	1AA 1.712874e-03	207630_s_at	1AA 2.369657e-03
208056 s at	1AA 1.712874e-03	212140 at	1AA 2.377205e-03
200651 at	1AA 1.712874e-03	57516 at	1AA 2.393133e-03
200779 at	1AA 1.712874e-03	212451 at	1AA 2.410531e-03
200664 s at	1AA 1.712874e-03	200712_s_at	1AA 2.444697e-03
200010 at	1AA 1.712874e-03	208703_s_at	1AA 2.468721e-03
201739 at	1AA 1.712874e-03	213304 at	1AA 2.508881e-03
201473 at	1AA 1.712874e-03	212359 s at	1AA 2.513512e-03
200920_s_at	1AA 1.712874e-03	206003_at	1AA 2.538259e-03
201693_s_at	1AA 1.712874e-03	211404 s at	1AA 2.556026e-03
201439_at	1AA 1.712874e-03	1552889 <u>a</u> at	1AA 2.566422e-03
201694_s_at	1AA 1.712874e-03	217992_s_at	1AA 2.60699e-03
201502_s_at	1AA 1.712874e-03	221081_s_at	1AA 2.64645e-03
201464_x_at	1AA 1.712874e-03	1553678_a_at	1AA 2.659966e-03
201129_at	1AA 1.712874e-03	205026_at	1AA 2.72873e-03
200961_at	1AA 1.712874e-03	203645_s_at	1AA 2.730785e-03
200869_at	1AA 1.712874e-03	204079_at	1AA 2.730785e-03
201788_at	1AA 1.712874e-03	203239_s_at	1AA 2.730785e-03
201556_s_at	1AA 1.712874e-03	209367_at	1AA 2.730785e-03
201003_x_at	1AA 1.712874e-03	200743_s_at	1AA 2.730785e-03
201482_at	1AA 1.712874e-03	201814_at	1AA 2.730785e-03
200999_s_at	1AA 1.712874e-03	204494_s_at	1AA 2.745809e-03
208488_s_at	1AA 1.713106e-03	214196_s_at	1AA 2.755786e-03
219854_at	1AA 1.719652e-03	218356_at	1AA 2.767857e-03
210116_at	1AA 1.734931e-03	207483_s_at	1AA 2.78493e-03
201304_at	1AA 1.756437e-03	217956_s_at	1AA 2.848563e-03
201824_at	1AA 1.77109e-03	217106_x_at	1AA 2.859526e-03
221918_at	1AA 1.774096e-03	200721_s_at	1AA 2.916261e-03
204252_at	1AA 1.78859e-03	203585_at	1AA 2.949576e-03
221193_s_at 200945_s_at	1AA 1.826802e-03	208647_at	1AA 2.950207e-03
200945_s_at 205495 s at	1AA 1.839677e-03 1AA 1.876443e-03	206770_s_at	1AA 2.950705e-03
200490_S_ac	IMM 1.0/0443E-U3	218269_at	1AA 2.95281e-03

201139_s_at	1AA	2.964571e-03	201326 at	1AA 4.063136e-03
218961_s_at	1AA	2.969483e-03	1557000 at	1AA 4.08498e-03
203227 s at	1AA	3.018089e-03	203758 at	1AA 4.088248e-03
222140_s_at	1AA	3.0262e-03	218583_s_at	1AA 4.11425e-03
205590_at	1AA	3.057056e-03	202469 s at	1AA 4.133154e-03
206785_s_at	1AA	3.107548e-03	203925_at	1AA 4.134605e-03
212231_at	1AA	3.118014e-03	201587_s_at	1AA 4.147674e-03
1553575_at	1AA	3.128658e-03	201743 at	1AA 4.199043e-03
200998_s_at	1AA	3.136179e-03	206829_x at	1AA 4.252613e-03
202892_at	1AA	3.139247e-03	204109 s at	1AA 4.254184e-03
221565_s_at	1AA	3.145078e-03	1552386_at	1AA 4.254628e-03
212238_at	1AA	3.149936e-03	204094_s_at	1AA 4.312969e-03
218049_s_at	1AA	3.181837e-03	209293 <u>x</u> at	1AA 4.342682e-03
207643_s_at	1AA	3.199835e-03	202122_s_at	1AA 4.360728e-03
219481_at	1AA	3.22068e-03	215165_x_at	1AA 4.378926e-03
217776_at		3.237984e-03	203152_at	1AA 4.384616e-03
212041_at		3.25591e-03	200850_s_at	1AA 4.401119e-03
207788_s_at		3.263676e-03	212250_at	1AA 4.420595e-03
217473_x_at		3.286877e-03	207111_at	1AA 4.428872e-03
234919_s_at		3.334616e-03	200691_s_at	1AA 4.465227e-03
218379_at		3.366644e-03	217020_at	1AA 4.479149e-03
219276_x_at		3.423303e-03	202837_at	1AA 4.48115e-03
219538_at		3.438847e-03	218492 <u>s</u> at	1AA 4.505446e-03
204209_at		3.442004e-03	220646_s_at	1AA 4.525484e-03
222065_s_at		3.490721e-03	201036_s_at	1AA 4.550016e-03
210279_at		3.535458e-03	212160_at	1AA 4.571175e-03
218703_at		3.552381e-03	209067_s_at	1AA 4.580566e-03
205677_s_at		3.558788e-03	208986_at	1AA 4.619286e-03
201954_at		3.560819e-03	201016_at	1AA 4.620405e-03
211794_at		3.565034e-03	214844_s_at	1AA 4.662536e-03
203834_s_at		3.57971e-03	209418_s_at	1AA 4.690551e-03
200611_s_at		3.57971e-03	213883_s_at	1AA 4.698616e-03
203614_at		3.626442e-03	201351_s_at	1AA 4.701574e-03
202803_s_at		3.630412e-03	202396_at	1AA 4.711214e-03
222915_s_at		3.631646e-03	203430_at	1AA 4.712235e-03
209177_at 203076 s at		3.634769e-03 3.659711e-03	222679_s_at	1AA 4.759123e-03
212138 at		3.675611e-03	217852_s_at	1AA 4.790942e-03
203575 at		3.741402e-03	40420_at	1AA 4.791452e-03
203373_at 211048_s_at		3.741402e-03	202309_at	1AA 4.809281e-03
200827 at		3.741402e-03	205584_at 218721 s at	1AA 4.847957e-03 1AA 4.854744e-03
214730 s at		3.746626e-03	31861 at	1AA 4.875892e-03
220987 s at		3.746626e-03	218490 s at	1AA 4.883072e-03
203066_at		3.746626e-03	202708_s_at	1AA 4.903809e-03
208138 at		3.746626e-03	54632 at	1AA 4.907999e-03
_		3.746626e-03	205033_s_at	1AA 4.929855e-03
203774 at		3.757405e-03	208901 s at	1AA 4.930879e-03
212714 at		3.794183e-03	225251 at	1AA 4.946416e-03
215136_s_at		3.799026e-03	202101 s at	1AA 4.949024e-03
217526 at		3.80158e-03	213212_x_at	1AA 4.953338e-03
218972 at		3.809121e-03	208666 s at	1AA 5.025907e-03
207651 at		3.814031e-03	219757 s at	1AA 5.040105e-03
202082 s at		3.833434e-03	216547 at	1AA 5.040105e-03
220944 at		3.887448e-03	209903 s at	1AA 5.047132e-03
219433 at		3.922521e-03	219788 at	1AA 5.059546e-03
222028 at		3.925974e-03	217762 s at	1AA 5.059546e-03
219363 s at		3.928921e-03	217128 s at	1AA 5.059546e-03
202759_s_at		3.947945e-03	206522 at	1AA 5.059546e-03
218331 s at		3.982453e-03	206222_at	1AA 5.059546e-03
202850 at		3.987384e-03	207571 x at	1AA 5.059546e-03
226630 at		3.992608e-03	208438 s at	1AA 5.059546e-03
212388 at		3.993142e-03	207808 s at	1AA 5.059546e-03
202255 s at		4.019054e-03	200660 at	1AA 5.059546e-03
203156 at		4.026288e-03	207361 at	1AA 5.064237e-03
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55616 at	1AA	5.080253e-03	204905 s at	1AA 6.354707e-03
		5.141059e-03	220642 x at	1AA 6.366816e-03
202199 s at		5.22729e-03	219029 at	
206095 s at		5.236653e-03		1AA 6.368247e-03
			200661_at	1AA 6.375951e-03
209761_s_at	IAA	5.25896e-03	211563_s_at	1AA 6.411467e-03
AFFX-HSAC07/		5 050000	200684_s_at	1AA 6.431206e-03
X00351_5		5.259211e-03	218106_s_at	1AA 6.438411e-03
212281_s_at		5.279259e-03	206323_x_at	1AA 6.439051e-03
201676_x_at	1AA	5.293918e-03	213357_at	1AA 6.451352e-03
202611_s_at	1AA	5.314152e-03	208994 s at	1AA 6.495645e-03
204407_at	1AA	5.342017e-03	204689 at	1AA 6.591343e-03
219259 at	1AA	5.427873e-03	205407_at	1AA 6.59839e-03
$52285 \overline{f} at$	1AA	5.444193e-03	204554 at	1AA 6.604695e-03
206583 at	1AA	5.44767e-03	205707 at	1AA 6.612823e-03
201531 at		5.448379e-03	202911 at	1AA 6.689035e-03
201876 at		5.466697e-03	202599 s at	1AA 6.689945e-03
201157 s at		5.466996e-03	214736_s_at	1AA 6.704885e-03
222407 s at		5.477366e-03	214730_s_ac 218545 at	
225043 at		5.478715e-03		1AA 6.732005e-03
218053 at			225686_at	1AA 6.732891e-03
		5.501192e-03	632_at	1AA 6.732891e-03
218618_s_at		5.505917e-03	219128_at	1AA 6.732891e-03
225058_at		5.518419e-03	213056_at	1AA 6.732891e-03
201475_x_at		5.553057e-03	215646_s_at	1AA 6.732891e-03
202710_at		5.605371e-03	204232_at	1AA 6.732891e-03
209974_s_at		5.641849e-03	203836_s_at	1AA 6.732891e-03
234987_at		5.648675e-03	223145_s_at	1AA 6.732891e-03
222024_s_at		5.648675e-03	223303_at	1AA 6.732891e-03
201498_at		5.687054e-03	209619_at	1AA 6.732891e-03
222858_s_at		5.699403e-03	202195_s_at	1AA 6.732891e-03
200890_s_at		5.713964e-03	209186_at	1AA 6.732891e-03
212192_at	1AA	5.742785e-03	218622 at	1AA 6.748569e-03
203054_s_at	1AA	5.778652e-03	200670 at	1AA 6.765122e-03
203332_s_at	1AA	5.789461e-03	204367_at	1AA 6.793014e-03
212274_at		5.809838e-03	212974 at	1AA 6.823752e-03
1552667_a_at			226448 at	1AA 6.8259e-03
212905_at	1AA	5.853504e-03	201241 at	1AA 6.84685e-03
212070_at	1AA	5.854209e-03	200940_s_at	1AA 6.847094e-03
212426_s_at	1AA	5.880405e-03	218606 at	1AA 6.860428e-03
1553906 s at	1AA	5.930907e-03	219801 at	1AA 6.87121e-03
215933 s at	1AA	5.946387e-03	218039 at	1AA 6.87121e-03
203341 at	1AA	5.954905e-03	207697 x at	1AA 6.87121e-03
203327 at	1AA	5.961793e-03	205789_at	1AA 6.943556e-03
201209 at	1AA	5.982224e-03	202862 at	1AA 6.945842e-03
200808 s at		5.984893e-03	218962 s at	1AA 6.955097e-03
218875 s at		6.040393e-03	219130 at	1AA 6.962486e-03
201092 at	1AA	6.059879e-03	217552_x at	1AA 6.963177e-03
218129 s at		6.065943e-03	202502 at	1AA 6.978682e-03
218247 s at		6.109289e-03	208702 x at	1AA 7.003003e-03
213795 s at		6.117659e-03	213526 s at	1AA 7.048381e-03
218463 s at		6.122783e-03	224636 at	1AA 7.050525e-03
213618 at		6.129632e-03	217165 x at	1AA 7.089996e-03
221170 at		6.150485e-03	204164 at	1AA 7.108365e-03
1553162 x at			202983 at	1AA 7.121731e-03
207515 s at		6.227089e-03	219940 s at	
211714 x at		6.23872e-03		1AA 7.135966e-03
203992 s at		6.240562e-03	201385_at	1AA 7.167109e-03
203992_s_at 220832 at		6.240562e-03	227100_at	1AA 7.173906e-03
212296 at		6.268081e-03	206111_at	1AA 7.18868e-03
			208815_x_at	1AA 7.293509e-03
209884_s_at		6.277709e-03	230252_at	1AA 7.304007e-03
214937_x_at		6.288803e-03	218212_s_at	1AA 7.304279e-03
205571_at		6.288806e-03	200948_at	1AA 7.315435e-03
211615_s_at		6.309927e-03	212833_at	1AA 7.3307e-03
202602_s_at		6.34029e-03	201589_at	1AA 7.331303e-03
213064_at	TAA	6.343167e-03	202956_at	1AA 7.35006e-03

203259_s_at	1AA 7.361879e-03	213867_x_at	1AA 7.557581e-03
74694 s at	1AA 7.378723e-03	213897 s at	1AA 7.557581e-03
32099 at	1AA 7.399579e-03	212537 x at	1AA 7.557581e-03
211063 s at			
	1AA 7.414502e-03	213170_at	1AA 7.557581e-03
200873_s_at	1AA 7.437178e-03	213969_x_at	1AA 7.557581e-03
212252 at	1AA 7.438057e-03	212638 s at	1AA 7.557581e-03
218229 s at	1AA 7.444908e-03	214526 x at	1AA 7.557581e-03
206991 s at	1AA 7.447433e-03	<b>— —</b>	
		212501_at	1AA 7.557581e-03
37145_at	1AA 7.456097e-03	217896 <u>s</u> at	1AA 7.557581e-03
212199 at	1AA 7.469951e-03	218084 x at	1AA 7.557581e-03
208644 at	1AA 7.475064e-03	216903 s at	1AA 7.557581e-03
218700 s at	1AA 7.485134e-03	216657 at	1AA 7.557581e-03
208392_x_at	1AA 7.486348e-03		
		217414_x_at	1AA 7.557581e-03
201320_at	1AA 7.54139e-03	217792_at	1AA 7.557581e-03
209187_at	1AA 7.556946e-03	218381_s_at	1AA 7.557581e-03
266 s at	1AA 7.557581e-03	217950 at	1AA 7.557581e-03
49485 at	1AA 7.557581e-03	217733 s at	1AA 7.557581e-03
38964 r at	1AA 7.557581e-03	215785 s at	1AA 7.557581e-03
37232_at	1AA 7.557581e-03	215354_s_at	1AA 7.557581e-03
36711_at	1AA 7.557581e-03	217967_s_at	1AA 7.557581e-03
76897 <u>s</u> at	1AA 7.557581e-03	217740 x at	1AA 7.557581e-03
57588 at	1AA 7.557581e-03	217028 at	1AA 7.557581e-03
AFFX-		217739_s_at	1AA 7.557581e-03
hum alu at	1AA 7.557581e-03		1AA 7.557581e-03
		217232_x_at	
218616_at	1AA 7.557581e-03	217747_s_at	1AA 7.557581e-03
219678_x_at	1AA 7.557581e-03	215313_x_at	1AA 7.557581e-03
220202 s at	1AA 7.557581e-03	204470 at	1AA 7.557581e-03
219007 at	1AA 7.557581e-03	204501 at	1AA 7.557581e-03
219399 at	1AA 7.557581e-03	204621 s at	1AA 7.557581e-03
219620 x at	1AA 7.557581e-03		
		203630_s_at	1AA 7.557581e-03
220113_x_at	1AA 7.557581e-03	204777_s_at	1AA 7.557581e-03
219112_at	1AA 7.557581e-03	204638_at	1AA 7.557581e-03
219392_x_at	1AA 7.557581e-03	204218 at	1AA 7.557581e-03
218870 at	1AA 7.557581e-03	204567 s at	1AA 7.557581e-03
218649 x at	1AA 7.557581e-03	203504 s at	1AA 7.557581e-03
219448 at	1AA 7.557581e-03	204021 s at	1AA 7.557581e-03
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219646_at	1AA 7.557581e-03	204564_at	1AA 7.557581e-03
219957_at	1AA 7.557581e-03	204029_at	1AA 7.557581e-03
218531_at	1AA 7.557581e-03	203410_at	1AA 7.557581e-03
219191 s at	1AA 7.557581e-03	204495 <u> s a</u> t	1AA 7.557581e-03
218476 at	1AA 7.557581e-03	203852 s at	1AA 7.557581e-03
219376 at	1AA 7.557581e-03	204265_s_at	1AA 7.557581e-03
		204205_S_at	
219111_s_at	1AA 7.557581e-03	204615_x_at	1AA 7.557581e-03
219843_at	1AA 7.557581e-03	203607_at	1AA 7.557581e-03
220071_x_at	1AA 7.557581e-03	204393_s_at	1AA 7.557581e-03
218913 s at	1AA 7.557581e-03	203665 at	1AA 7.557581e-03
218817 at	1AA 7.557581e-03	204118 at	1AA 7.557581e-03
213564_x_at	1AA 7.557581e-03	204610 s at	1AA 7.557581e-03
212549 at	1AA 7.557581e-03		
		203775_at	1AA 7.557581e-03
213687_s_at	1AA 7.557581e-03	203752_s_at	1AA 7.557581e-03
214467_at	1AA 7.557581e-03	221555_x_at	1AA 7.557581e-03
212391 x at	1AA 7.557581e-03	220947 s at	1AA 7.557581e-03
212581 x at	1AA 7.557581e-03	220721_at	1AA 7.557581e-03
214219 x at	1AA 7.557581e-03	220924 s at	1AA 7.557581e-03
214746 s at			
	1AA 7.557581e-03	221277_s_at	1AA 7.557581e-03
212862_at	1AA 7.557581e-03	221619_s_at	1AA 7.557581e-03
213414_s_at	1AA 7.557581e-03	220597_s_at	1AA 7.557581e-03
214143_x_at	1AA 7.557581e-03	220704_at	1AA 7.557581e-03
213892 s at	1AA 7.557581e-03	220485 s at	1AA 7.557581e-03
213932 x at	1AA 7.557581e-03	221700 s at	1AA 7.557581e-03
213084 x at	1AA 7.557581e-03		
		220960_x_at	1AA 7.557581e-03
213023_at	1AA 7.557581e-03	211073_x_at	1AA 7.557581e-03
212335_at	1AA 7.557581e-03	210556_at	1AA 7.557581e-03
213939 <u>s</u> at	1AA 7.557581e-03	212039_x_at	1AA 7.557581e-03

211927 x at	1AA 7.557581e-03	206545 at	1AA 7.557581e-03
209549 s at	1AA 7.557581e-03	206559 x at	
211429 s at			1AA 7.557581e-03
	1AA 7.557581e-03	204916_at	1AA 7.557581e-03
211956_s_at	1AA 7.557581e-03	206060_s_at	1AA 7.557581e-03
210244_at	1AA 7.557581e-03	205249_at	1AA 7.557581e-03
209584_x_at	1AA 7.557581e-03	204959_at	1AA 7.557581e-03
210162_s_at	1AA 7.557581e-03	206115_at	1AA 7.557581e-03
210286 s at	1AA 7.557581e-03	204961_s at	1AA 7.557581e-03
209841 s at	1AA 7.557581e-03	206687_s_at	1AA 7.557581e-03
211696 x at	1AA 7.557581e-03	208632 at	1AA 7.557581e-03
211345 x at	1AA 7.557581e-03	208821 at	
209497 s at	1AA 7.557581e-03		1AA 7.557581e-03
		207936_x_at	1AA 7.557581e-03
212063_at	1AA 7.557581e-03	207783_x_at	1AA 7.557581e-03
211990_at	1AA 7.557581e-03	208921_s_at	1AA 7.557581e-03
210638_s_at	1AA 7.557581e-03	208641_s_at	1AA 7.557581e-03
210254_at	1AA 7.557581e-03	208082 <u>x</u> at	1AA 7.557581e-03
211750_x_at	1AA 7.557581e-03	209118 s at	1AA 7.557581e-03
211745 x at	1AA 7.557581e-03	207545 s at	1AA 7.557581e-03
211982 x at	1AA 7.557581e-03	208812 x at	1AA 7.557581e-03
209995_s_at	1AA 7.557581e-03	208829 at	1AA 7.557581e-03
211972 x at	1AA 7.557581e-03	208680_at	1AA 7.557581e-03
211734 s at	1AA 7.557581e-03	208089 s at	1AA 7.557581e-03
210646 x at	1AA 7.557581e-03	2080770 s at	
210040_k_at 210241 s at	1AA 7.557581e-03		1AA 7.557581e-03
		207551_s_at	1AA 7.557581e-03
211699_x_at	1AA 7.557581e-03	207500_at	1AA 7.557581e-03
209791_at	1AA 7.557581e-03	209116_x_at	1AA 7.557581e-03
209484_s_at	1AA 7.557581e-03	208616_s_at	1AA 7.557581e-03
211316_x_at	1AA 7.557581e-03	208834_x_at	1AA 7.557581e-03
202349_at	1AA 7.557581e-03	209221_s_at	1AA 7.557581e-03
202842_s_at	1AA 7.557581e-03	209134_s_at	1AA 7.557581e-03
203112_s_at	1AA 7.557581e-03	200704 at	1AA 7.557581e-03
202541_at	1AA 7.557581e-03	200031 s at	1AA 7.557581e-03
202064_s_at	1AA 7.557581e-03	200017 at	1AA 7.557581e-03
202906 s at	1AA 7.557581e-03	200725_x_at	1AA 7.557581e-03
202414_at	1AA 7.557581e-03	200002 at	1AA 7.557581e-03
202843 at	1AA 7.557581e-03	200038 s at	1AA 7.557581e-03
202768_at	1AA 7.557581e-03	200030_S_dt	1AA 7.557581e-03
202021 x at	1AA 7.557581e-03	200077_3_at	1AA 7.557581e-03
202626 s at	1AA 7.557581e-03	200003_s_at 200062 s at	1AA 7.557581e-03
202737 s at	1AA 7.557581e-03		
202737_s_at	1AA 7.557581e-03	200029_at	1AA 7.557581e-03
		200819_s_at	1AA 7.557581e-03
203175_at	1AA 7.557581e-03	200030_s_at	1AA 7.557581e-03
202388_at	1AA 7.557581e-03	200022_at	1AA 7.557581e-03
202859_x_at	1AA 7.557581e-03	200026_at	1AA 7.557581e-03
203243_s_at	1AA 7.557581e-03	200644_at	1AA 7.557581e-03
202934_at	1AA 7.557581e-03	200781_s_at	1AA 7.557581e-03
202068_s_at	1AA 7.557581e-03	200078 s at	1AA 7.557581e-03
202649_x_at	1AA 7.557581e-03	200645 at	1AA 7.557581e-03
202029_x_at	1AA 7.557581e-03	200024 at	1AA 7.557581e-03
202387_at	1AA 7.557581e-03	200674 s at	1AA 7.557581e-03
202912 at	1AA 7.557581e-03	200099_s_at	1AA 7.557581e-03
202632_at	1AA 7.557581e-03	200007 at	1AA 7.557581e-03
202431_s_at	1AA 7.557581e-03	200794 x at	1AA 7.557581e-03
202917_s_at	1AA 7.557581e-03	200794_x_at 200025_s_at	
203107_x_at			1AA 7.557581e-03
202968 s at	1AA 7.557581e-03	200092_s_at	1AA 7.557581e-03
	1AA 7.557581e-03	200834_s_at	1AA 7.557581e-03
205119_s_at	1AA 7.557581e-03	200705_s_at	1AA 7.557581e-03
205134_s_at	1AA 7.557581e-03	200018_at	1AA 7.557581e-03
205667_at	1AA 7.557581e-03	200715_x_at	1AA 7.557581e-03
204892_x_at	1AA 7.557581e-03	200623 <u>s</u> at	1AA 7.557581e-03
204924_at	1AA 7.557581e-03	200033_at	1AA 7.557581e-03
205922_at	1AA 7.557581e-03	200021 at	1AA 7.557581e-03
205353_s_at	1AA 7.557581e-03	200666 s at	1AA 7.557581e-03
205040 at	1AA 7.557581e-03	200019 s at	1AA 7.557581e-03
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201406 at	17777	EE7E01 - 02	202675	1 7 7	0 005011 00
		557581e-03	202675_at		8.205811e-03
201236_s_at	1AA 7.	557581e-03	209146 at	1AA	8.209195e-03
201071 x at	1AA 7.	557581e-03	208848 at	1AA	8.212483e-03
201426 s at		557581e-03	212692 s at		8.234798e-03
201594 s at					
		557581e-03	205212_s_at		8.258769e-03
200926_at	1AA 7.	557581e-03	205312_at	1AA	8.271037e-03
201217 x at	1AA 7.5	557581e-03	202761_s_at	1AA	8.287775e-03
$201254 \times at$	1AA 7.5	557581e-03	208619 at		8.312131e-03
200963 x at		557581e-03			
			200866_s_at		8.320536e-03
201356_at		557581e-03	218152_at	1AA	8.33309e-03
201331_s_at	1AA 7.	557581e-03	202846_s_at	1AA	8.338187e-03
201258 at	1AA 7.	557581e-03	207734 at	1AA	8.367267e-03
201143 s at	1AA 7.5	557581e-03	202923 s_at		8.409531e-03
201953 at		557581e-03	202856 s at		8.441958e-03
201642 at		557581e-03	207983 s at		
					8.45187e-03
200871_s_at		557581e-03	53071_s_at		8.519703e-03
201315_x_at		557581e-03	209906_at	1AA	8.585797e-03
201180_s_at	1AA 7.	557581e-03	217990 at	1AA	8.592255e-03
200936 at	1AA 7.5	557581e-03	217827_s_at	1AA	8.593364e-03
200937 s at		557581e-03	221808 at		8.595504e-03
201172 x at		557581e-03	201536 at		8.599995e-03
200905 x at					
		557581e-03	218136_s_at		8.61194e-03
201737_s_at		557581e-03	213159_at		8.647098e-03
200949 <u>x</u> at	1AA 7.5	557581e-03	217822_at	1AA	8.66955e-03
201257 x at	1AA 7.5	557581e-03	201277 s at	1AA	8.672249e-03
200933 x at	1AA 7.5	557581e-03	205627 at		8.707481e-03
201094 at		557581e-03	209994 s at		8.765132e-03
201859 at		557581e-03	218128 at		
			_		8.804967e-03
201041_s_at		557581e-03	208876_s_at		8.807416e-03
201010_s_at		557581e-03	201175_at	1AA	8.813446e-03
201492_s_at	1AA 7.5	557581e-03	218570_at	1AA	8.81458e-03
201466_s_at	1AA 7.5	557581e-03	203113 s at	1AA	8.81582e-03
201049 s at	1AA 7.5	557581e-03	202451 at	1AA	8.821909e-03
201030 x at		557581e-03	1553644_at		8.834419e-03
200858 s at		557581e-03	226354 at		8.838035e-03
204354 at					0.030035e-03
		558249e-03	AFFX-HUMGAPDI	•	
217985_s_at	TAA / .:	578506e-03	M33197	1 / /	0 0300365
					8.838035e-03
202124_s_at		578961e-03	218950_at		8.838035e-03
202124_s_at 208485_x_at	1AA 7.5	578961e-03 633872e-03		1AA	
208485 <u>x</u> at	1AA 7.9		218950_at 213046_at	1AA 1AA	8.838035e-03 8.838035e-03
208485_x_at 218929_at	1AA 7.9 1AA 7.0 1AA 7.0	633872e-03 651591e-03	218950_at 213046_at 206978_at	1AA 1AA 1AA	8.838035e-03 8.838035e-03 8.838035e-03
208485_x_at 218929_at 229510_at	1AA 7.9 1AA 7.9 1AA 7.9	633872e-03 651591e-03 667683e-03	218950_at 213046_at 206978_at 204908_s_at	1AA 1AA 1AA 1AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03
208485_x_at 218929_at 229510_at 205608_s_at	1AA 7.9 1AA 7.0 1AA 7.0 1AA 7.0	633872e-03 651591e-03 667683e-03 689956e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at	1AA 1AA 1AA 1AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at	1AA 7.9 1AA 7.0 1AA 7.0 1AA 7.0 1AA 7.0	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at	1AA 1AA 1AA 1AA 1AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at	1AA 7.6 1AA 7.6 1AA 7.6 1AA 7.6 1AA 7.6 1AA 7.6	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at 201666_at	1AA 1AA 1AA 1AA 1AA 1AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at	1AA 7.6 1AA 7.6 1AA 7.6 1AA 7.6 1AA 7.6 1AA 7.6 1AA 7.6	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at 201666_at 214118_x_at	1AA 1AA 1AA 1AA 1AA 1AA 1AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at	1AA 7.6 1AA 7.6 1AA 7.6 1AA 7.6 1AA 7.6 1AA 7.6 1AA 7.6 1AA 7.6	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at 201666_at 214118_x_at 211675_s_at	1AA 1AA 1AA 1AA 1AA 1AA 1AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at	1AA 7.6 1AA 7.6 1AA 7.6 1AA 7.6 1AA 7.6 1AA 7.6 1AA 7.6 1AA 7.6	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at 201666_at 214118_x_at 211675_s_at	1AA 1AA 1AA 1AA 1AA 1AA 1AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at	1AA 7.0 1AA 7.0 1AA 7.0 1AA 7.0 1AA 7.0 1AA 7.0 1AA 7.0 1AA 7.0	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03 744199e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at	1AA 1AA 1AA 1AA 1AA 1AA 1AA 1AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.891296e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at 230370_x_at	1AA 7.6	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03 7605e-03 767939e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at 200654_at	1AA 1AA 1AA 1AA 1AA 1AA 1AA 1AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.891296e-03 8.918234e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at 230370_x_at 203778_at	1AA 7.6	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03 7605e-03 767939e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at 200654_at 205324_s_at	1AA 1AA 1AA 1AA 1AA 1AA 1AA 1AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.891296e-03 8.918234e-03 8.920427e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at 230370_x_at 203778_at 202232_s_at	1AA 7.0 1AA 7.0	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03 7605e-03 767939e-03 780889e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at 200654_at 205324_s_at 220052_s_at	1AA 1AA 1AA 1AA 1AA 1AA 1AA 1AA 1AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.891296e-03 8.918234e-03 8.920427e-03 8.938102e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at 230370_x_at 203778_at 202232_s_at 211971_s_at	1AA 7.0	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03 744199e-03 7605e-03 767939e-03 780889e-03 788512e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at 200654_at 205324_s_at 208843_s_at	1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.891296e-03 8.918234e-03 8.920427e-03 8.938102e-03 8.943604e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at 230370_x_at 203778_at 202232_s_at 211971_s_at 222409_at	1AA 7.0	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03 744199e-03 7605e-03 767939e-03 780889e-03 788512e-03 831334e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at 200654_at 205324_s_at 20052_s_at 208843_s_at 201661_s_at	1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.891296e-03 8.918234e-03 8.920427e-03 8.938102e-03 8.943604e-03 8.958128e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at 230370_x_at 203778_at 202232_s_at 211971_s_at 222409_at 212459_x_at	1AA 7.5 1AA 7.6	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03 744199e-03 7605e-03 767939e-03 780889e-03 788512e-03 831334e-03 873742e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at 200654_at 205324_s_at 208843_s_at	1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.891296e-03 8.918234e-03 8.920427e-03 8.938102e-03 8.943604e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at 230370_x_at 203778_at 202232_s_at 211971_s_at 222409_at	1AA 7.5 1AA 7.6	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03 744199e-03 7605e-03 767939e-03 788812e-03 881334e-03 873742e-03 88595e-03 921623e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at 200654_at 205324_s_at 20052_s_at 208843_s_at 201661_s_at	1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.891296e-03 8.918234e-03 8.920427e-03 8.938102e-03 8.943604e-03 8.958128e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at 230370_x_at 203778_at 202232_s_at 211971_s_at 222409_at 212459_x_at 200800_s_at	1AA 7.5 1AA 7.6	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03 744199e-03 7605e-03 767939e-03 788812e-03 881334e-03 873742e-03 88595e-03 921623e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at 200654_at 20052_s_at 208843_s_at 201661_s_at 204474_at 217371_s_at	1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.891296e-03 8.918234e-03 8.920427e-03 8.938102e-03 8.943604e-03 8.958128e-03 8.990666e-03 8.991858e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at 230370_x_at 203778_at 202232_s_at 211971_s_at 222409_at 212459_x_at 200800_s_at 201933_at	1AA 7.5 1AA 7.6	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03 744199e-03 7605e-03 767939e-03 78889e-03 788512e-03 831334e-03 873742e-03 88595e-03 921623e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at 200654_at 20052_s_at 208843_s_at 201661_s_at 204474_at 217371_s_at 201251_at	1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.891296e-03 8.918234e-03 8.920427e-03 8.938102e-03 8.943604e-03 8.958128e-03 8.990666e-03 8.991858e-03 9.019572e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at 230370_x_at 203778_at 202232_s_at 211971_s_at 222409_at 212459_x_at 200800_s_at 201933_at 220776_at	1AA 7.5 1AA 7.6	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03 744199e-03 7605e-03 767939e-03 78889e-03 788512e-03 831334e-03 873742e-03 88595e-03 921623e-03 930456e-03 947444e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at 200654_at 20052_s_at 208843_s_at 201661_s_at 204474_at 217371_s_at 201251_at 209798_at	1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.891296e-03 8.918234e-03 8.920427e-03 8.938102e-03 8.943604e-03 8.958128e-03 8.990666e-03 8.991858e-03 9.019572e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at 2303778_at 202232_s_at 211971_s_at 222409_at 212459_x_at 200800_s_at 201933_at 220776_at 208860_s_at	1AA 7.5 1AA 7.6	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03 744199e-03 7605e-03 767939e-03 788512e-03 831334e-03 873742e-03 88595e-03 921623e-03 930456e-03 993649e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at 200654_at 20052_s_at 208843_s_at 201661_s_at 204474_at 217371_s_at 201251_at 209798_at 203261_at	1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.891296e-03 8.918234e-03 8.920427e-03 8.938102e-03 8.943604e-03 8.958128e-03 8.958128e-03 8.990666e-03 8.991858e-03 9.019572e-03 9.044367e-03 9.102636e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at 230370_x_at 203778_at 202232_s_at 211971_s_at 222409_at 212459_x_at 200800_s_at 201933_at 200776_at 208860_s_at 204714_s_at	1AA 7.5 1AA 7.6	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03 744199e-03 7605e-03 767939e-03 788512e-03 831334e-03 873742e-03 88595e-03 921623e-03 930456e-03 947444e-03 993649e-03 0145e-03	218950_at 213046_at 206978_at 204908_s_at 201900_x_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at 200654_at 20052_s_at 208843_s_at 201661_s_at 204474_at 217371_s_at 201251_at 209798_at 203261_at 208117_s_at	1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.891296e-03 8.918234e-03 8.920427e-03 8.938102e-03 8.943604e-03 8.958128e-03 8.958128e-03 9.019572e-03 9.019572e-03 9.044367e-03 9.102636e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at 2303770_x_at 203778_at 202232_s_at 211971_s_at 222409_at 212459_x_at 200800_s_at 201933_at 220776_at 208860_s_at 204714_s_at 211135_x_at	1AA 7.5 1AA 7.6 1AA 8.6	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03 744199e-03 7605e-03 767939e-03 780889e-03 788512e-03 831334e-03 873742e-03 873742e-03 930456e-03 947444e-03 993649e-03 0145e-03	218950_at 213046_at 206978_at 204908_s_at 201900_x_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at 200654_at 20052_s_at 208843_s_at 201661_s_at 204474_at 217371_s_at 201251_at 209798_at 203261_at 208117_s_at 210039_s_at	1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.91296e-03 8.91234e-03 8.920427e-03 8.938102e-03 8.943604e-03 8.958128e-03 8.990666e-03 8.991858e-03 9.019572e-03 9.044367e-03 9.102636e-03 9.108323e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at 2303770_x_at 203778_at 202232_s_at 211971_s_at 222409_at 212459_x_at 200800_s_at 201933_at 220776_at 208860_s_at 204714_s_at 211135_x_at 213019_at	1AA 7.0 1AA 8.0 1AA 8.0	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03 744199e-03 7605e-03 767939e-03 780889e-03 788512e-03 831334e-03 831334e-03 873742e-03 930456e-03 947444e-03 993649e-03 0145e-03 023124e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at 200654_at 200524_s_at 20052_s_at 208843_s_at 201661_s_at 204474_at 217371_s_at 201251_at 209798_at 203261_at 208117_s_at 210039_s_at 218383_at	1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.91296e-03 8.91234e-03 8.920427e-03 8.938102e-03 8.943604e-03 8.958128e-03 8.958128e-03 8.990666e-03 8.991858e-03 9.019572e-03 9.044367e-03 9.102636e-03 9.108323e-03 9.147124e-03 9.199698e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at 2303770_x_at 203778_at 202232_s_at 211971_s_at 222409_at 212459_x_at 200800_s_at 201933_at 220776_at 208860_s_at 204714_s_at 211135_x_at 213019_at 210240_s_at	1AA 7.5 1AA 7.6 1AA 8.6 1AA 8.6	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03 744199e-03 7605e-03 767939e-03 780889e-03 788512e-03 831334e-03 831334e-03 873742e-03 873742e-03 921623e-03 921623e-03 930456e-03 947444e-03 993649e-03 0145e-03 023124e-03 026806e-03 112782e-03	218950_at 213046_at 206978_at 204908_s_at 201900_x_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at 200654_at 20052_s_at 208843_s_at 201661_s_at 204474_at 217371_s_at 201251_at 209798_at 203261_at 208117_s_at 210039_s_at	1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.91296e-03 8.91234e-03 8.920427e-03 8.938102e-03 8.943604e-03 8.958128e-03 8.990666e-03 8.991858e-03 9.019572e-03 9.044367e-03 9.102636e-03 9.108323e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at 2303770_x_at 203778_at 202232_s_at 211971_s_at 222409_at 212459_x_at 200800_s_at 201933_at 220776_at 208860_s_at 204714_s_at 211135_x_at 213019_at	1AA 7.5 1AA 7.6 1AA 8.6 1AA 8.6	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03 744199e-03 7605e-03 767939e-03 780889e-03 788512e-03 831334e-03 831334e-03 873742e-03 930456e-03 947444e-03 993649e-03 0145e-03 023124e-03	218950_at 213046_at 206978_at 204908_s_at 201040_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at 200654_at 200524_s_at 20052_s_at 208843_s_at 201661_s_at 204474_at 217371_s_at 201251_at 209798_at 203261_at 208117_s_at 210039_s_at 218383_at	1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.91296e-03 8.91234e-03 8.920427e-03 8.938102e-03 8.943604e-03 8.958128e-03 8.958128e-03 8.990666e-03 8.991858e-03 9.019572e-03 9.044367e-03 9.102636e-03 9.108323e-03 9.147124e-03 9.199698e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at 2303770_x_at 203778_at 202232_s_at 211971_s_at 222409_at 212459_x_at 200800_s_at 201933_at 220776_at 208860_s_at 204714_s_at 211135_x_at 213019_at 210240_s_at	1AA 7.5 1AA 7.6 1AA 8.6 1AA 8.6 1AA 8.6	633872e-03 651591e-03 667683e-03 689956e-03 719202e-03 732518e-03 744186e-03 744199e-03 7605e-03 767939e-03 780889e-03 788512e-03 831334e-03 831334e-03 873742e-03 873742e-03 921623e-03 921623e-03 930456e-03 947444e-03 993649e-03 0145e-03 023124e-03 026806e-03 112782e-03	218950_at 213046_at 206978_at 204908_s_at 201590_x_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at 200654_at 205324_s_at 20052_s_at 208843_s_at 201661_s_at 204474_at 217371_s_at 201251_at 209798_at 203261_at 208117_s_at 210039_s_at 218383_at 208800_at 242056_at	1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.91296e-03 8.91234e-03 8.920427e-03 8.938102e-03 8.943604e-03 8.958128e-03 8.990666e-03 8.991858e-03 9.019572e-03 9.044367e-03 9.102636e-03 9.108323e-03 9.108323e-03 9.147124e-03 9.199698e-03 9.204127e-03
208485_x_at 218929_at 229510_at 205608_s_at 201503_at 204061_at 204299_at 207668_x_at 211924_s_at 2303778_at 202232_s_at 211971_s_at 222409_at 212459_x_at 200800_s_at 201933_at 220776_at 208860_s_at 204714_s_at 211135_x_at 213019_at 210240_s_at 213590_at	1AA 7.5 1AA 7.6 1AA 8.6 1AA 8.6 1AA 8.6 1AA 8.6	633872e-03 651591e-03 667683e-03 719202e-03 732518e-03 744186e-03 744199e-03 7605e-03 767939e-03 780889e-03 788512e-03 831334e-03 831334e-03 873742e-03 921623e-03 930456e-03 947444e-03 993649e-03 0145e-03 023124e-03 026806e-03 112782e-03	218950_at 213046_at 206978_at 204908_s_at 201590_x_at 201590_x_at 201666_at 214118_x_at 211675_s_at 201753_s_at 200654_at 20052_s_at 208843_s_at 201661_s_at 204474_at 217371_s_at 201251_at 209798_at 203261_at 208117_s_at 210039_s_at 218383_at 208800_at	1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA 1 AA	8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.838035e-03 8.867592e-03 8.875114e-03 8.91296e-03 8.91234e-03 8.920427e-03 8.938102e-03 8.943604e-03 8.958128e-03 8.990666e-03 8.991858e-03 9.019572e-03 9.019572e-03 9.102636e-03 9.108323e-03 9.108323e-03 9.147124e-03 9.199698e-03

222200_s_at		9.225131e-03	212669_at	1AA 0.01
1552942_at	1AA	9.253123e-03	213849 s at	1AA 0.01
211133 x at	1AA	9.254602e-03		1AA 0.01
212616 at	מ ב 1	9.271883e-03	206380 s at	1AA 0.01
	17771	0.20040003		
121_at		9.280429e-03	222394_at	1AA 0.01
201087_at	1AA	9.308127e-03	212397 at	1AA 0.01
210284 s_at	1AA	9.312944e-03	200797_s_at	1AA 0.01
204634 at		9.320938e-03	212685 s_at	1AA 0.01
211806 s at		9.326885e-03		
			204453_at	1AA 0.01
217377 <u>x</u> at		9.334989e-03	203142_s_at	1AA 0.01
209268_at	1AA	9.335195e-03	1559942 at	1AA 0.01
213677_s_at	1AA	9.385062e-03	202916 s at	1AA 0.01
221782 at	1AA	9.409078e-03	207181 s at	1AA 0.01
	1 2 2	9.418956e-03	209627_s_at	1AA 0.01
208146 s at		9.442951e-03		
			205361_s_at	1AA 0.01
206316_s_at		9.460479e-03	205898_at	1AA 0.01
222529_at	1AA	9.460626e-03	212615 at	1AA 0.01
212314 at	1AA	9.460824e-03	218211_s_at	1AA 0.01
204333 s at	1AA	9.474602e-03	200008 s at	1AA 0.01
204665 at	1 2 2	9.515031e-03	201560 at	1AA 0.01
204161_s_at	777			
204101_S_at	IAA	9.535728e-03	204171_at	1AA 0.01
210093_s_at	IAA	9.567413e-03	218966_at	1AA 0.01
210395_x_at		9.591381e-03	222587_s_at	1AA 0.01
203166 at	1AA	9.594938e-03	204190 at	1AA 0.01
219296 at	1AA	9.626187e-03	218589 at	1AA 0.01
214450_at		9.656924e-03	201634 s at	1AA 0.01
202136 at				
203302_at	1777		220019_s_at	1AA 0.01
203302_at	IAA		221080_s_at	1AA 0.01
222243_s_at			202747_s_at	1AA 0.01
211936_at	1AA	9.733779e-03	201517_at	1AA 0.01
202683 s at	1AA	9.763329e-03	201334_s_at	1AA 0.01
208730 x at	1AA	9.79081e-03	211071 s at	1AA 0.01
202162 s at		9.818255e-03	218165_at	1AA 0.01
203049_s_at		9.933102e-03	202020 s at	
219819 s at	177	0.037400- 03		1AA 0.01
	IAA	9.937498e-03	204639_at	1AA 0.01
201873_s_at	TAA	9.938002e-03	219563_at	1AA 0.01
218548_x_at	1AA	9.957915e-03	219563_at 212168_at	1AA 0.01
51200 at	1AA	9.959403e-03	201836 s at	1AA 0.01
$20310\overline{2}$ s at	1AA	9.974563e-03 0.01 0.01 0.01	1555609_a_at	
204172 at	1AA	0.01	220237 at	1711 0.01
212973 at	1 7 7	0.01	220237_at 210962_s_at	1AA 0.01
	177	0.01		
206284_x_at			210543_s_at	1AA 0.01
	1AA		208594_x_at	1AA 0.01
202412_s_at	1AA	0.01	219081_at	1AA 0.01
204544 at	1AA	0.01	200043 at	1AA 0.01
201563 at	1AA	0.01	201450 s at	1AA 0.01
	1AA		218883 s at	1AA 0.01
	1AA			
203427_at	177	0.01	210926_at	1AA 0.01
203427_at	IAA	0.01	212450_at	1AA 0.01
214470_at			209790_s_at	1AA 0.01
201542_at			224884 at	1AA 0.01
212302 at	1AA	0.01	235306 at	1AA 0.01
225662 at	1AA	0.01	229553_at	1AA 0.01
206631 at	1AA	0 01	220000 a at	
203712 at	1AA	0.01	220890_s_at	
			209007_s_at	1AA 0.01
	1AA		1552612_at	1AA 0.01
	1AA		202880_s_at	1AA 0.01
208649_s_at	1AA	0.01	218519_at	1AA 0.01
AFFX-HSAC07/				1AA 0.01
X00351 M	1AA	0.01	201506 at	
218572_at				1AA 0.01
			209984_at	1AA 0.01
	1AA		215038_s_at	1AA 0.01
212513_s_at	1AA		1555037_a_at	1AA 0.01
226861_at	1AA	0.01	205488 at	1AA 0.01
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000054	177 0 01	0.40==.	
202854_at	1AA 0.01	242774_at	1AA 0.01
210301_at	1AA 0.01	229632_s_at	1AA 0.01
212193 e a+	1 A A A A A A A	222406 5 25	
212193_s_at 203011_at	1AA 0.01	222406_s_at	
203011_at	IAA 0.01	205237_at	1AA 0.01
209814 at	1AA 0.01	201567 s at	1AA 0.01
207269 <u>a</u> t	1 ል ል በ በ 1	218716_x_at	1AA 0.01
210010 -+	1727 0.01	210/10_X_at	
218919_at	IAA 0.01	209276_s_at	
218919_at 222175_s_at 217988_at	1AA 0.01	238701_x_at	1AA 0.01
217988 at	1AA 0.01	203936 s at	
213704 at	177 0 01	201105 at	177 0.01
	1AA 0.01	201105_at	1AA 0.01
201583_s_at	1AA 0.01	212188_at	1AA 0.01
205686 s at	1AA 0.01	201783 s at	1AA 0.01
205686_s_at 206207_at 218130_at	1 2 2 0 01	201783_s_at 203017_s_at 204291_at 216054_x_at	177 0 01
2101207_45	177 0.01	203017_S_at	1AA 0.01
218130_at	1AA 0.01	204291_at	1AA 0.01
218396_at	1AA 0.01	216054 x at	1AA 0.01
203908 at	1AA 0.01	210527 x at	1AA 0.01
208315 v at	1 4 4 0 0 1	219593 2+	
203908_at 208315_x_at 204020_at 212660_at	122 0.01	219593_at	1AA 0.01
204020_at	1AA U.UI	224217_s_at	
212660_at	1AA 0.01	1553582 a at	1AA 0.01
1569371_at 60528_at 210426_x_at 227098_at	1AA 0.01	205310 at	177 0 01
60528 at	127 0 01	210200	1701 0.01
00328_at	1AA 0.01	210208_x_at	1AA 0.01
210426_x_at	1AA 0.01	203964_at	1AA 0.01
227098 at	1AA 0.01	204676 at	1AA 0.01
212208_at	1AA 0.01	201342 at	1 2 2 0 0 1
201670 a at	177 0.01	203310_at 210208_x_at 203964_at 204676_at 201342_at 224734_at 203275_at 213607_x_at 212566_at	177 0.01
201670_s_at	IAA 0.01	224/34_at	TAA 0.01
38671_at	1AA 0.01	203275_at	1AA 0.01
38671_at 207769_s_at	1AA 0.01	213607 x at	1AA 0.01
200942 s at	1AA 0.01	212566 at	122 0 01
	177 0 01	202265 0+	177 0.01
206209_s_at	177 0.01	202265_at	1AA 0.01
219405_at 203545_at	1AA 0.01	219577_s_at	1AA 0.01
203545_at	1AA 0.01	204891_s_at	1AA 0.01
207760_s_at	1AA 0.01	208310 s at	1AA 0.01
201846 s at	122 0 01	222613 at	
201040_3_ac	1RR 0.01	222013_at	1AA 0.01
209425_at 221568_s_at 204857_at	1AA 0.01	213073_at	1AA 0.01
221568_s_at	1AA 0.01	207405_s_at 214168_s_at	1AA 0.01
204857 at	1AA 0.01	214168 s at	1AA 0.01
218518_at	1 2 2 0 0 1	211339_s_at	177 0 01
210310_4	177 0.01	211339_S_aC	
212334_at 207303_at 203246_s_at	1AA 0.01	201369_s_at	1AA 0.01
207303_at	1AA 0.01	216862_s_at 208623_s_at	1AA 0.01
203246 s at	1AA 0.01	208623 s at	1AA 0.01
209287 s at	1AA 0.01	208735 s at	122 0 01
	177 0 01	200733_3_at	
221479_s_at			1AA 0.01
216205_s_at	1AA 0.01	205013_s_at	1AA 0.01
208989 s at	1AA 0.01	201516 at	1AA 0.01
209085 x at	1AA 0.01	218593 at	1AA 0.01
218638 s at	1AA 0.01	<del>-</del>	
		218306_s_at	1AA 0.01
200656_s_at	1AA 0.01	204789_at	1AA 0.01
203648_at	1AA 0.01	$200817 \times at$	1AA 0.01
202426 s at	1AA 0.01	207759 s at	1AA 0.01
219862 s at	1AA 0.01	209989 at	1AA 0.01
201163_s_at	1AA 0.01	205091 <u>x</u> at	1AA 0.01
219002_at	1AA 0.01	207809_s_at	1AA 0.01
215000 s at	1AA 0.01	209572 s at	1AA 0.01
226219 at	1AA 0.01	211997 x at	1AA 0.01
201108_s_at	1AA 0.01	202304_at	1AA 0.01
217805_at	1AA 0.01	200072_s_at	1AA 0.01
203127 s at	1AA 0.01	212991 at	1AA 0.01
212557 at	1AA 0.01	226455 at	1AA 0.01
213043_s_at		· 208750_s_at	1AA 0.01
200881_s_at	1AA 0.01	213535 s at	1AA 0.01
218142 s at	1AA 0.01	216241 s at	1AA 0.01
214988 s at	1AA 0.01	204258 at	1AA 0.01
	1AA 0.01		
220439_at		223880_x_at	1AA 0.01
212218_s_at	1AA 0.01	225101 <u> </u>	1AA 0.01

213835 x at	1AA 0.01	210999_s_at	1AA 0.01
203474_at	1AA O O1	38290_at	
220002+	177 0.01	30230_ac	177 0.01
220992_s_at 211495_x_at	1AA 0.01	200678_x_at	TAA U.UI
211495_x_at	1AA 0.01	204571_x_at	1AA 0.01
202501 at	1AA 0.01	202930 s at	1AA 0.01
200765 x at	1AA 0.01	1555021 a at	
	177 0 01	201004	
201222_s_at	1AA 0.01	221804_s_at	1AA 0.01
201120_s_at	1AA 0.01	218123_at	1AA 0.01
201120_s_at 214259_s_at	1AA 0.01	210422 x at	1AA 0.01
206792 x at	1AA 0.01	210422_x_at 201488_x_at	1AA 0.01
1555349_a at	1AA 0.01	216305_s_at	177 0:01
	177 0.01	210505_3_&C	177 0.01
208819_at	1AA 0.01	230550_at	TAA U.UI
213/33_at	1AA 0.01	217746_s_at	1AA 0.01
218025_s_at	1AA 0.01	207018 s at	1AA 0.01
213733_at 218025_s_at 221519_at	1AA 0.01	217746_s_at 207018_s_at 209760_at	1AA 0.01
201947_s_at	1AA 0.01	209083_at	1 4 4 0 01
200957 s at	1 2 2 0 0 1	227138 2+	177 0.01
200957_s_at 218147_s_at 202043_s_at	1701 0.01	227138_at 200828_s_at 223434_at 202303_x_at	1AA 0.01
21014/_S_at	1AA 0.01	200828_s_at	1AA 0.01
202043_s_at	1AA 0.01	223434_at	1AA 0.01
218238_at	1AA 0.01	202303 x at	1AA 0.01
208766_s_at	1AA 0.01	202623_at	1AA 0.01
209362_at	1AA 0.01	210293 s at	122 0 01
1554678 s at	1 2 2 0 01	210293_s_at 217527_s_at 201164_s_at	177 0.01
	177 0.01	21/52/_s_at	1AA 0.01
208825_x_at	1AA 0.01	201164_s_at	1AA 0.01
207559_s_at	1AA 0.01	201376 <u>s</u> at	1AA 0.01
200625_s_at 200990_at	1AA 0.01	205291_at 218042_at 218557_at	1AA 0.01
200990 at	1AA 0.01	218042 at	1AA 0.01
202272_s_at	1AA 0 01	218557 a+	177 0 01
212175 s at	1 7 7 0 0 1	213453_x_at	177 0.01
212175_5_at	177 0.01	213455_X_at	1AA 0.01
214366_s_at 228516_at 63009_at	1AA U.U1	209069_s_at	1AA 0.01
228516_at	1AA 0.01	202918_s_at 218772_x_at	1AA 0.01
63009_at	1AA 0.01	218772_x_at	1AA 0.01
220417 s at	1AA 0.01	221211 s at	1AA 0.01
217788_s_at 212633_at 200682_s_at	1AA 0.01	201022_s_at	1AA 0.01
212633 at	1AA 0 01	207723 s at	1AA 0.01
200682 6 3+	177 0.01	213039 at	
200002_5_at	1AA 0.01	213039_at	1AA 0.01
218902_at	TAA U.UI	209061_at	1AA 0.01
221652_s_at 212211_at 208158_s_at	1AA 0.01	210999_s_at 38290_at 200678_x_at 200678_x_at 201471_x_at 202930_s_at 1555021_a_at 221804_s_at 221804_s_at 210422_x_at 201488_x_at 216305_s_at 230550_at 217746_s_at 2077018_s_at 209760_at 209083_at 227138_at 209828_s_at 223434_at 202303_x_at 202303_x_at 201293_s_at 210293_s_at 210293_s_at 201164_s_at 201376_s_at 201375_s_at 213453_x_at 209069_s_at 202918_s_at 213039_at 209061_at 207723_s_at 21783_s_at 209061_s_at 20779_s_at 211783_s_at 209259_s_at 204490_s_at 204490_s_at 209340_at	1AA 0.01
212211_at	1AA 0.01	211783_s_at	1AA 0.01
208158 s at	1AA 0.01	209259_s_at 204490_s_at	1AA 0.01
200777 s at	1AA 0.01	204490 s at	122 0 01
55705 at	1AA 0.01	209340 at	
201855 s at	1AA 0.01		
		209002_s_at	1AA 0.01
	1AA 0.01	226330 <u>s</u> at	1AA 0.01
	1AA 0.01	217892_s_at	1AA 0.01
226642_s_at	1AA 0.01	209354 at	1AA 0.01
218836 at	1AA 0.01	219980 at	1AA 0.01
207831 x at	1AA 0.01	214617_at	1AA 0.01
218577 at	1AA 0.01	222752 +	
<del>-</del>		222752_s_at	1AA 0.01
217812_at	1AA 0.01	222204 <u>s</u> at	1AA 0.01
219342_at	1AA 0.01	219171_s_at	1AA 0.01
	1AA 0.01	203276_at	1AA 0.01
217691 x at	1AA 0.01	203584 at	1AA 0.01
	1AA 0.01	201444 s at	1AA 0.01
216408 at	1AA 0.01	<b>– –</b>	
		200693_at	1AA 0.01
208975_s_at	1AA 0.01	210081_at	1AA 0.01
<del>-</del>	1AA 0.01	210371_s_at	1AA 0.01
201555_at	1AA 0.01	209534 x at	1AA 0.01
211661 x at	1AA 0.01	205566 at	1AA 0.01
203748 x at	1AA 0.01	203989 x at	1AA 0.01
201672 s at	1AA 0.01	203303_X_at 218432_at	
			1AA 0.01
	1AA 0.01	218552_at	1AA 0.01
	1AA 0.01	212243_at	1AA 0.01
200039 <u>s</u> at	1AA 0.01	208795_s_at	1AA 0.01

212170 -+	177 0 01	202205	177 0 01
212170_at	1AA 0.01	203305_at	1AA 0.01
202220_at	1AA 0.01	204620_s_at	1AA 0.01
223031 s at	1AA 0.01	203817 at	1AA 0.01
213980 s at	1AA 0.01	221688 s at	1 2 2 0 0 1
224674 at	17/7/01	200030_5_40	1777 0.01
224074_at	1AA 0.01	209839_at	1AA 0.01
20419/_s_at	1AA 0.01	202377_at	1AA 0.01
201528 at	1AA 0.01	203085 s at	1AA 0.01
218178 s at	1AA 0.01	202006 at	1AA 0 01
79005 at	1 2 2 0 01	202600_40	177 0.01
205451 2+	177 0.01	200037_X_at	1AA 0.01
203431_at	1AA 0.01	20162/_s_at	1AA 0.01
201193_at	1AA 0.01	201214_s_at	1AA 0.01
32541_at	1AA 0.01	207700 s at	1AA 0.01
31826 at	1AA 0.01	200802 at	1AA 0.01
$20812\overline{1} \text{ s at}$	1AA 0.01	206113 s at	122 0 01
203594 at	1 2 2 0 01	200713_5_dc	1701 0.01
224900 25	177 0.01	200742_5_at	1AA 0.01
224900_at	1AA 0.01	226230_at	1AA 0.01
203708_at	1AA 0.01	201959_s_at	1AA 0.01
217301_x_at	1AA 0.01	203922 s at	1AA 0.01
216950 s at	1AA 0.01	203956 at	1AA 0.01
204352 at	1AA 0.01	202922 at	122 0 01
202126 at	122 0 01	217752 0 2+	1777 0.01
201120_at	177 0.01	217752_S_at	1AA 0.01
201020_at	1AA 0.01	203960_s_at	1AA 0.01
201/35_s_at	1AA 0.01	58367_s_at	1AA 0.01
203157_s_at	1AA 0.01	205842 s at	1AA 0.01
220547 s at	1AA 0.01	218185 s at	1AA 0.01
235479 at	1AA 0.01	212943 at	122 0 01
200806 s at	122 0 01	202593_0_2+	177 0.01
218204 5 3+	177 0.01	202303_s_at	1AA 0.01
210204_3_ac	177 0.01	215/58_x_at	1AA 0.01
204158_S_at	1AA U.UI	221509_at	1AA 0.01
202582_s_at	1AA 0.01	202167_s_at	1AA 0.01
208721_s_at	1AA 0.01	203471 s at	1AA 0.01
$205147 \times at$	1AA 0.01	208905 at	1AA 0.01
213262 at	1AA 0.01	202741 at	122 0 01
206613 s at	122 0 01	212990 2+	177 0.01
244306 2+	172. 0.01	212000_at	1AA 0.01
244390_at	1AA 0.01	202659_at	1AA 0.01
205/90_at	IAA 0.01	209500_x_at	1AA 0.01
217122_s_at	1AA 0.01	222483_at	1AA 0.01
209095_at	1AA 0.01	209040 s at	1AA 0.01
211251 x at	1AA 0.01	1569887 a at	1AA 0.01
201867 s at	1AA 0.01	202173 s at	122 0.01
201534 s at	122 0 01	210165 2+	177 0.01
200737 at	1701 0.01	219103_at	1AA 0.01
200737_ac	1AA 0.01	218446_s_at	1AA 0.01
218374_s_at	1AA 0.01	203305_at 204620_s_at 203817_at 221688_s_at 229839_at 202377_at 203085_s_at 203085_s_at 20206_at 208637_x_at 201627_s_at 20114_s_at 207700_s_at 207700_s_at 208742_s_at 208742_s_at 201959_s_at 203922_s_at 201959_s_at 203956_at 202922_at 217752_s_at 203960_s_at 203960_s_at 203960_s_at 205842_s_at 218185_s_at 212943_at 202583_s_at 212943_at 202583_s_at 215758_x_at 221509_at 202167_s_at 203471_s_at 202741_at 202741_a	1AA 0.01
200681_at	1AA 0.01	201746_at	1AA 0.01
	1AA 0.01	203301 s at	1AA 0.01
225673 at	1AA 0.01	202594 at	1AA 0.01
	1AA 0.01	200816 s at	1AA 0.01
	1AA 0.01	214894 x at	1AA 0.01
201052 s at			
		221437_s_at	1AA 0.01
216652_s_at	1AA 0.01	221547_at	1AA 0.01
219673_at	1AA 0.01	203258_at	1AA 0.01
204326_x_at	1AA 0.01	208863 s at	1AA 0.01
208925 at	1AA 0.01	37986 at	1AA 0.01
208875_s_at	1AA 0.01	218684 at	1AA 0.01
210754_s_at	1AA 0.01		
201632 at	1AA 0.01	201872_s_at	1AA 0.01
		209626_s_at	1AA 0.01
226763_at	1AA 0.01	225614_at	1AA 0.01
226536_at	1AA 0.01	213738_s_at	1AA 0.01
219164_s_at	1AA 0.01	210649 s at	1AA 0.01
218322_s_at	1AA 0.01	215236 s at	1AA 0.01
217766 s at	1AA 0.01	201967 at	
	1AA 0.01		1AA 0.01
		208620_at	1AA 0.01
203761_at	1AA 0.01	212268_at	1AA 0.01
204646_at	1AA 0.01	203552_at	1AA 0.01

200774 at	1AA 0.01	201270 x at	1AA 0.02
221744_at	1 2 2 0 0 1	210104	177 0 02
	177 0.01	210104_at	IAA 0.02
217043_s_at	IAA 0.01	318/4_at	IAA 0.02
219105_x_at	1AA 0.01	218007 s at	1AA 0.02
212463 at	1AA 0.01	203160 s at	122 0 02
211101 x at	1 73 73 10 10 1	206720_5_40	177 0.02
	177 0.01	206/29_at	1AA 0.02
221011_s_at	1AA 0.01	220044_x_at	1AA 0.02
206900_x_at	1AA 0.01	202276 at	1AA 0.02
222473 s at	1AA 0.01	212159 v at	122 0 02
218224 at	1 N N O O 1	212155_R_dc	1701 0.02
210224_at	1AA 0.01	224564_s_at	1AA 0.02
232520_s_at	1AA 0.01	225307_at	1AA 0.02
204001_at	1AA 0.01	211066 x at	1AA 0.02
218179_s_at 205004_at 211537_x_at	1AA 0.01	205306 v at	122 0 02
205004 at	177 0 02	203300_x_ac	177 0.02
203004_ac	1AA 0.02	211928_at	1AA 0.02
21153/_x_at	1AA 0.02	40446_at	1AA 0.02
214500 at	1AA 0.02	34408 at	1AA 0.02
218534_s_at	1AA 0.02	33322 i at	1 4 4 0 0 0 2
219402 8 3+	177 0 02	27702	177 0.02
219402_s_at 209057_x_at	1AA 0.02	3//93_r-at	IAA 0.02
20905/_x_at	IAA_U.U2	49878_at	1AA 0.02
218877_s_at	1AA 0.02	38340 at	1AA 0.02
220081_x_at	1AA 0.02	61734 at	1AA 0.02
209890_at 212591_at 218806_s_at	122 0 02	219642 a at	177 0.02
212501	177 0.02	210042_S_at	1AA 0.02
212591_at	IAA 0.02	220175_s_at	1AA 0.02
218806_s_at	1AA 0.02	219052 at	1AA 0.02
	1AA 0.02	219329 s at	1AA 0.02
209370 s at	1 4 4 0 0 0 0	219521_0_40	177 0.02
200406 5	177 0.02	210521_5_ac	1AA 0.02
209406_at	1AA 0.02	219598_s_at	1AA 0.02
202748_at 209370_s_at 209406_at 203947_at 202200_s_at 217874_at 201065_s_at 212625_at	1AA 0.02	220368_s_at	1AA 0.02
202200 s at	1AA 0.02	219109 at	1AA 0.02
217874 at	1AA 0.02	218803 at	17/7 0 02
201065 a at	177 0.02	210003_ac	177 0.02
201005_S_at	1AA 0.02	21911/_s_at	1AA 0.02
212625_at	IAA 0.02	219929_s_at	1AA 0.02
210333 at	1AA 0.02	218495 at	1AA 0.02
219368 at	1AA 0.02	220266 s at	1 4 4 0 0 0 2
207108 s at	1 2 2 0 0 2	210266 2#	177 0.02
219368_at 207108_s_at 202381_at 227066_at	177 0.02	219200_at	1AA 0.02
202381_at	IAA 0.02	219762_s_at	1AA 0.02
227066_at	1AA 0.02	220306_at	1AA 0.02
206139 at	1AA 0.02	219810 at	1AA 0.02
206139_at 201328_at 204177_s_at	1AA 0.02	201270_x_at 218184_at 31874_at 218007_s_at 203160_s_at 206729_at 220044_x_at 202276_at 212159_x_at 224564_s_at 225307_at 211066_x_at 205306_x_at 211928_at 40446_at 34408_at 33322_i_at 37793_r_at 49878_at 38340_at 61734_at 218642_s_at 220175_s_at 219052_at 219329_s_at 219329_s_at 219329_s_at 219598_s_at 220368_s_at 220368_s_at 21917_s_at 21929_s_at 21947_s_at 219551_at 219762_s_at 21917_s_at 21917_s_at 21917_s_at 21927_at 21937_at 21938_s_at 219299_at 219334_at	1 2 2 0 0 2
204177 6 3+	177 0 02	21011,_3_40	177 0.02
214214_s_at	1AA 0.02	219551_at	IAA 0.02
	IAA 0.02	218728_s_at	1AA 0.02
205140_at	1AA 0.02	220121 at	1AA 0.02
220038 at	1AA 0.02	219299 at	1AA 0.02
208787 at	1AA 0.02	219834_at	1AA 0.02
201586 s at	177 0.02	219034_at	1AA 0.02
	1AA 0.02	219067_s_at	1AA 0.02
219938_s_at	1AA 0.02	220363 <u>s</u> at	1AA 0.02
201664_at	1AA 0.02	219161_s at	1AA 0.02
211285 s at	1AA 0.02	218832_x_at	1AA 0.02
212330 at	1AA 0.02	218740 s at	1AA 0.02
	1AA 0.02	220046_s_at	1AA 0.02
210616_s_at	1AA 0.02	220215 at	1AA 0.02
205357 s at	1AA 0.02	219634_at	1AA 0.02
213998 s at	1AA 0.02	220330 s at	1AA 0.02
201458 s at			
	1AA 0.02	220088_at	1AA 0.02
204774_at	1AA 0.02	219457_s_at	1AA 0.02
200701 at	1AA 0.02	218829 s at	1AA 0.02
204160 s at	1AA 0.02	218563_at	1AA 0.02
201379 s at	1AA 0.02		
		218662_s_at	1AA 0.02
223602_at	1AA 0.02	212312_at	1AA 0.02
222011_s_at	1AA 0.02	214965 at	1AA 0.02
201177_s_at	1AA 0.02	213006 at	1AA 0.02
202369 s at	1AA 0.02	212630 at	1AA 0.02
201908 at	1AA 0.02		
		214414_x_at	
219635_at	1AA 0.02	213620_s_at	1AA 0.02
		_ <del>_</del>	

214882 s at	1AA 0.02	217895_at 218421_at 217962_at 217789_at 217738_at 217738_s_at 218035_s_at 218462_at 215193_x_at 218097_s_at 218100_s_at 218566_x_at 217991_x_at 217991_x_at 215189_at 215189_at 215157_x_at 203939_at 203940_s_at 204601_at	1AA	0.02
214882_s_at 213398_s_at	1AA 0.02	218421 at	1 A A	0.02
214875_x at	1AA 0.02	217962 at	1 2 2	0.02
213347 x at	1AA 0.02	217789 at	ממ1	0.02
212604 at	1AA 0.02	217738 at	1222	0.02
212604_at 212259_s_at 214864_s_at	1AA 0.02	217730_ac	177	0.02
214864 s at	1AA 0 02	217900_5_at	177	0.02
214938_x_at	122 0.02	218463_5_at	IAA	0.02
214606_at	177 0.02	216462_at	IAA	0.02
213000_at	1AA 0.02	215193_X_at	IAA	0.02
213001_X_at	1AA 0.02	21809/_s_at	IAA	0.02
213881_x_at 212495_at 214697_s_at	1AA 0.02	218100_s_at	1AA	0.02
214697_S_at	1AA 0.02	218001_at	1AA	0.02
212982_at	1AA 0.02	215566_x_at	1AA	0.02
214545_s_at	1AA 0.02	217991_x_at	1AA	0.02
213581_at	1AA 0.02	218471_s_at	1AA	0.02
213581_at 212869_x_at 213958_at	1AA 0.02	215189_at	1AA	0.02
213958_at	1AA 0.02	215096_s_at	1AA	0.02
212456_at	1AA 0.02	·215157_x_at	1AA	0.02
214835_s_at	1AA 0.02	203939_at	1AA	0.02
213940_s_at	1AA 0.02	203940 s at	1AA	0.02
213214_x_at	1AA 0.02	204601 at	1AA	0.02
212538_at	1AA 0.02	204132 s at	1AA	0.02
214572 <u>s</u> at	1AA 0.02	203278 s at	1AA	0.02
214843_s_at 213182_x_at	1AA 0.02	204703 at	1AA	0.02
213182_x_at	1AA 0.02	203939_at 203940_s_at 204601_at 204132_s_at 204703_at 204034_at 203337_x_at 204622_x_at 204054_at 204612_at	1AA	0.02
214501 s at	1AA 0.02	203337 x at	1AA	0.02
212661 x at	1AA 0.02	204622 x at	1AA	0.02
213957_s_at	1AA 0.02	204279 at	1AA	0.02
212593 s at	1AA 0.02	204054 at	1AA	0.02
212593_s_at 213501_at	1AA 0.02	204612 at	1AA	0.02
214714 at	1AA 0.02	204054_at 204612_at 203521_s_at 203366_at	1 A A	0.02
214696_at 212270_x_at 213513_x_at	1AA 0.02	203366 at	1 A A	0.02
212270 x at	1AA 0.02	203465 at	1 2 2	0.02
213513 x at	1AA 0.02	204068 at	1 2 2	0.02
213356 x at	1AA 0.02	204088 at	1 2 2	0.02
215043_s_at	1AA 0.02	203465_at 204068_at 204088_at 203300_x_at	122	0.02
213936 x at	1AA 0.02	203380 x at	1 2 2	0.02
213936_x_at 212716_s_at	1AA 0.02	203562_at	122	0.02
214042 s at	1AA 0.02	204622_x_at 204279_at 204054_at 204054_at 204612_at 203521_s_at 203366_at 203465_at 204068_at 204088_at 203300_x_at 203380_x_at 203562_at 204487_s_at 204202_at 204280_at 203745_at 204605_at	122	0.02
214150 x at	1AA 0.02	204407_3_at	177	0.02
218329_at 218316_at	1AA 0.02	204280 at	177	0.02
218316 at	1AA 0.02	204200_at 203745 at		0.02
217977 at	1AA 0.02	203743_at 204605_at		
218354_at	1AA 0.02	204005_at 203413 at		0.02
217871_s_at	1AA 0.02	<del></del>		0.02
217983 s at	1AA 0.02			
				0.02
217813 s at	1AA 0.02			0.02
218323 at	1AA 0.02			0.02
217408 at	1AA 0.02			0.02
216231 s at	1AA 0.02			0.02
210231_s_at 217768 at	1AA 0.02			0.02
217708_at	1AA 0.02			0.02
				0.02
218289_s_at	1AA 0.02			0.02
216248_s_at	1AA 0.02			0.02
217823_s_at	1AA 0.02			0.02
217850_at	1AA 0.02	221745_at		0.02
216251_s_at	1AA 0.02			0.02
217902_s_at	1AA 0.02	221263_s_at		0.02
217825_s_at	1AA 0.02			0.02
217965_s_at	1AA 0.02			0.02
217934_x_at	1AA 0.02	221475_s_at	1AA	0.02
215894_at	1AA 0.02	221775_x_at		0.02
217732_s_at	1AA 0.02	221039 <u>_</u> s_at	1AA	0.02

222244 s at	1AA 0.02	202637 s at	1AA 0.02
221607 x at	1AA 0.02	202077	177 0 00
	IAA 0.02	2028//_s_at	1AA U.UZ
209694_at	1AA 0.02	203219 s at	1AA 0.02
210752 s at	1AA 0.02	202696 at	177 0 02
	177 0 00	202030_at	IAA 0.02
	1AA 0.02	202368_s_at	1AA 0.02
210212 x at	1AA 0.02	207387 s at	1AA 0.02
211337 s at	1AA 0.02	205122	177 0.02
	1AA 0.02	203133_S_at	1AA 0.02
210140_at	1AA 0.02	206688 s at	1AA 0.02
210140_at 211685_s_at	1AA 0.02	206834 at	122 0 02
211863 x at	177 0 02	200054_40	177 0.02
	1AA 0.02	20/153_s_at	1AA 0.02
210692_s_at	1AA 0.02	205189 s at	1AA 0.02
210006 at	122 0 02	205569 at	177 0 02
210006_at 210695_s_at 211998_at	177 0 00	205500_ac	1AA 0.02
210695_S_at	1AA 0.02	207384_at	1AA 0.02
211998 at	1AA 0.02	205096 at	1AA 0.02
209728 at	1 ል ል በ በ 2	206565 ** 2+	177 0 02
	1AA 0.02	200303_x_at	IAA 0.02
211474_s_at	1AA 0.02	205585 at	1AA 0.02
210455 at	1AA 0.02	206656 s at	1AA 0.02
210455_at 211711_s_at 209732_at	177 0 02	206343+	177 0 00
211/11_3_ac	1AA 0.02	206343_S_at	IAA U.UZ
209732_at	1AA 0.02	207040 s at	1AA 0.02
210825 s at	1AA 0.02	205687_at	1 4 4 0 0 0 2
210102 25	177 0 02	204000	1721 0.02
210102_at	IAA 0.02	204890_s_at	TAA 0.02
210102_at 210959_s_at 211137_s_at	1AA 0.02	206652 at	1AA 0.02
211137 s at	1AA 0.02	205178 s at	1 2 2 0 0 2
209458 x at	177 0 02	203170_3_40	177 0.02
	IAA _0.02	20491/_s_at	TAA 0.02
209583_s_at	1AA 0.02	206667 s at	1AA 0.02
210097_s_at 210904_s_at	1AA 0.02	204951 a+	1 2 2 0 0 2
210004 - 2+	177 0 02	204931_at	177 0.02
210904_S_at	IAA 0.02	206053_at	TAA 0.02
209864_at	1AA 0.02	205267 at	1AA 0.02
211113 s at	1AA 0.02	206296 x at	1 2 2 0 0 2
211113_s_at 209734_at 211940_x_at	177 0 02	200230_1_40	177 0.02
209/34_at	IAA 0.02	20554/_s_at	IAA 0.02
211940_x_at	1AA 0.02	206790 s at	1AA 0.02
209945_s_at	1AA 0.02	206643 at	1 4 4 0 0 0 0
209520 s at	177 0 02	200013_40	177 0.02
	1AA 0.02	206662_at	IAA 0.02
211542_x_at 210439_at	1AA 0.02	205681 at	1AA 0.02
210439 at	1AA 0.02	205905 s at	1AA 0.02
209565_at	122 0 02	207495 # 2+	177 0.02
	177 0.02	20/465_X_at	IAA 0.02
211742_s_at	IAA 0.02	208195_at	1AA 0.02
209668 x at	1AA 0.02	208179 x at	1AA 0.02
209668_x_at 212191_x_at 209916_at	122 0 02	208693 5 2+	177 0 02
200016	177 0.02	200093_s_ac	1AA 0.02
209916_at	1AA 0.02	209137_s_at	1AA 0.02
211509 s at	1AA 0.02	208827 at	1AA 0.02
202391 at	1AA 0.02	207574 - 2+	127 0 02
_	177 0 00	207374_3_40	IAA 0.02
202589_at	1AA 0.02	209155_s_at	1AA 0.02
202395 at	1AA 0.02	207564 x at	1AA 0.02
203053 at	1AA 0.02	202637 s_at 202877 s_at 202877 s_at 203219 s_at 202696_at 202368 s_at 207387 s_at 205133 s_at 206688 s_at 206834_at 207153 s_at 205189 s_at 205568_at 205568_at 205565 x_at 206656 s_at 206343 s_at 207400 s_at 205687_at 204890 s_at 205687_at 204917 s_at 204917 s_at 204917 s_at 204951_at 20667 s_at 204951_at 20667 s_at 206296 x_at 205547 s_at 206643_at 205547 s_at 206643_at 205681_at 205681_at 205681_at 205681_at 205905_s_at 2057485_x_at 207485_x_at 207485_x_at 208195_at 208179_x_at 208195_at 208179_x_at 208	1AA 0.02
_		203100_0_40	1111 0.02
203132_at	1AA 0.02	208887_at	1AA 0.02
203186 <u>s</u> at	1AA 0.02	208929_x_at	1AA 0.02
202595 s at	1AA 0.02	207614 s at	1AA 0.02
202809 s at	1AA 0.02		
		208728_s_at	1AA 0.02
202985_s_at	1AA 0.02	208424 s at	1AA 0.02
202644 s at	1AA 0.02	208828 at	1AA 0.02
202295 s at	1AA 0.02		
		209058_at	1AA 0.02
202069_s_at	1AA 0.02	208363_s_at	1AA 0.02
202704 at	1AA 0.02	208909 at	1AA 0.02
202573 at	1AA 0.02		
		208736_at	1AA 0.02
202529_at	1AA 0.02	207536 <u>s_at</u>	1AA 0.02
202016 at	1AA 0.02	208718 at	1AA 0.02
202499 s at	1AA 0.02		
		208313_s_at	1AA 0.02
202342_s_at	1AA 0.02	208695 <u>s</u> at	1AA 0.02
202887_s_at	1AA 0.02	208648 at	1AA 0.02
202444 s at	1AA 0.02		
		209345_s_at	1AA 0.02
203034_s_at	1AA 0.02	208689_s_at	1AA 0.02
202672 s at	1AA 0.02	208678 at	1AA 0.02
202925 s at	1AA 0.02	208964 s at	1AA 0.02
~	0.02	200304_S_dt	IAA 0.02

208904 s at	1AA 0.02	217356 s at	1AA 0.02
200034_s_at	1AA 0.02	212597 s at	1 ል ል በ በ 2
200732 - 2+	177 0 02	207045	177 0.02
200732_s_at 200675_at 200097_s_at 200089_s_at	1AA 0.02	20/945_S_at	IAA 0.02
200675_at	1AA 0.02	211559_s_at	1AA 0.02
200097 s at	1AA 0.02	211762 s at	1AA 0.02
200089 s at	1 2 2 0 0 2	218724 s at	122 0 02
200005_3_40	1AA 0.02	210724_S_ac	1AA 0.02
200096_s_at	IAA 0.02	2095/4_s_at	TAA 0.02
200754_x_at	1AA 0.02	201298 s at	1AA 0.02
200087 s at	1AA 0.02	218526 s at	1AA 0.02
200087_s_at 200716_x_at 200040_at	177 0 02	212263 2+	177 0.02
200710_X_at	1AA 0.02	212203_at	1AA U.UZ
200040_at	IAA 0.02	201231_s_at	1AA 0.02
200012_x_at 200686_s_at 200013_at 200805_at 200023_s_at	1AA 0.02	221692 s at	1AA 0.02
200686 s at	1AA 0.02	208453 s at	122 0 02
200013 5+	177 0 02	200405_5_4	1737 0.02
200015_at	IAA 0.02	220796_x_ac	IAA 0.02
200805_at	IAA 0.02	225819_at	1AA 0.02
200023 s at	1AA 0.02	208638 at	1AA 0.02
200036 s at	1AA 0.02	214662 at	122 0 02
	177 0 02	206513 -+	177 0.02
200009_at	IAA 0.02	206513_at	1AA 0.02
200826_at	IAA 0.02	1569349_at	1AA 0.02
200826_at 200717_x_at 200633_at	1AA 0.02	71933 at	1AA 0.02
200633 at	1AA 0.02	202147  s at	1AA 0 02
200763 0 2+	177 0 02	212010	177 0.02
200763_s_at 200032_s_at 200768_s_at 200037_s_at	1AA 0.02	212918_at	IAA 0.02
200032_s_at	1AA 0.02	213775_x_at	1AA 0.02
200768 s at	1AA 0.02	1554770 x at	1AA 0.02
200037 s at	1AA 0.02	217794 at	122 0 02
200642_at	177 0 02	203440+	177 0.02
200642_at	IAA 0.02	203449_s_at	1AA U.UZ
200064_at	1AA 0.02	238148_s_at	1AA 0.02
200064_at 200810_s_at 200823_x_at	1AA 0.02	225634 at	1AA 0.02
200823 x at	1AA 0.02	204369 at	1AA 0.02
201357 s at	177 0 02	219296+	177 0.02
201337_S_at	1AA 0.02	210200_S_at	1AA 0.02
201354_s_at	TAA 0.02	204655_at	1AA 0.02
201354_s_at 200965_s_at 201605_x_at	1AA 0.02	226283 at	1AA 0.02
201605 x at	1AA 0.02	213322 at	1AA 0.02
201446 s at	1AA 0 02	206118 at	1 2 2 0 0 2
	177 0 02	200110_at	1AA 0.02
200889_s_at	IAA 0.02	223009_at	1AA 0.02
201033_x_at	1AA 0.02	202074_s_at	1AA 0.02
201033_x_at 201296_s_at	1AA 0.02	221724 s at	1AA 0.02
201457 v at	1AA 0.02	206448 at	1 2 2 0 0 2
201948 at	177 0 02	210497	170 0.02
201946_at	1AA 0.02	21946/_at	1AA 0.02
201948_at 201218_at 200909_s_at	1AA 0.02	202449_s_at	1AA 0.02
200909_s_at	1AA 0.02	212006 at	1AA 0.02
201853 s at	1AA 0.02	213128_s_at	1AA 0.02
	1AA 0.02	201079 at	1AA 0.02
	177 0.02	2010/9_ac	1AA 0.02
201891_s_at			
	1AA 0.02	202542_s_at	1AA 0.02
201569 s at	1AA 0.02	224693 at	1AA 0.02
201633 s at	1AA 0.02	213261 at	1AA 0.02
201548_s_at	1AA 0.02	<b>—</b>	
		34764_at	1AA 0.02
200919_at	1AA 0.02	209153_s_at	1AA 0.02
201551 s at	1AA 0.02	200759 x at	1AA 0.02
201988 s at	1AA 0.02	219156 at	1AA 0.02
201751 at	1AA 0.02	_	1AA 0.02
		211784_s_at	
	1AA 0.02	201216_at	1AA 0.02
201433_s_at	1AA 0.02	220775_s_at	1AA 0.02
200868 s at	1AA 0.02	206219 s at	1AA 0.02
201468 s at	1AA 0.02	202642 s at	1AA 0.02
		202042_5_40	
200982_s_at	1AA 0.02	207812_s_at	1AA 0.02
218527_at	1AA 0.02	200714_x_at	1AA 0.02
201088 at	1AA 0.02	235327 x at	1AA 0.02
222201 s at	1AA 0.02	214473 x at	1AA 0.02
209267_s_at	1AA 0.02	200020_at	1AA 0.02
	1AA 0.02	207687_at	1AA 0.02
	1AA 0.02	207791 s at	1AA 0.02
221711 s at	1AA 0.02	201925 s at	
		201723_S_aL	IAA 0.02

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218889_at	1AA 0.02	202868 s at	1AA 0.02
219206 x at	144 0 02	201500 = 3+	177 0 02
202012 2+	177 0 00	201300_3_ac	1AA 0.02
218889_at 219206_x_at 202813_at 204203_at 220661_s_at	IAA 0.02	203140_at	IAA 0.02
204203_at	1AA 0.02	· 215813 s at	1AA 0.02
220661 s at	1AA 0.02	213528 at	20 0 441
223011_s_at	177 0 02	202127	177 0.02
223011_S_at	1AA 0.02	20212/_at	TAA 0.02
221269_s_at	1AA 0.02	225361 x at	1AA 0.02
210705 s at	1AA 0.02	212733 at	1 4 4 0 0 0 2
219176 at	177 0 02	212755_46	177 0.02
221269_s_at 210705_s_at 219176_at 203893_at	1AA 0.02	21//51_at	IAA 0.02
203893_at	1AA 0.02	201669_s_at	1AA 0.02
224560 at	1AA 0.02	201877 s at	1AA 0.02
224560_at 226387_at 218659_at 220367_s_at 218941_at	144 0 02	207986 v at	177 0 02
210650 -+	177 0.02	207900_x_at	1AA 0.02
210059_at	IAA 0.02	36019_at	1AA 0.02
220367_s_at	1AA 0.02	203035 s at	1AA 0.02
218941 at	1AA 0.02	214315 x at	1AA 0 02
213405 at	127 0 02	200720+	177 0.02
213103_40	177 0.02	200729_X_at	IAA 0.02
2123//_s_at	TAA 0.02	203615_x_at	1AA 0.02
213405_at 212377_s_at 203528_at 221484_at	1AA 0.02	216268 s at	1AA 0.02
221484 at	1AA 0.02	220560_at	122 0 02
222985_at	177 0 02	220300_ac	1AA 0.02
222365_at	1AA 0.02	218633_x_at	1AA 0.02
202878_s_at	1AA 0.02	206649 s at	1AA 0.02
203236 s at	1AA 0.02	208667 s at	1AA 0.02
202878_s_at 203236_s_at 205012_s_at 200640_at	122 0 02	203077 - 2+	177 0.02
200012_5_40	177 0.02	203973_S_at	IAA 0.02
200640_at	TAA 0.02	212742_at	1AA 0.02
201861 s at	1AA 0.02	202855 s at	1AA 0.02
201422 at	1AA 0.02	218999 at	1 4 4 0 0 0 2
201864 2#	177 0 02	210333_46	177 0.02
201422_at 201864_at 201635_s_at	1AA 0.02	21/811_at	1AA 0.02
201635_s_at	IAA 0.02	220143_x_at	1AA 0.02
236027 at	1AA 0.02	225319 s at	1AA 0.02
209054_s_at 201425_at 202123_s_at	1AA 0 02	202990 at	177 0 02
201425 25	177 0.02	202550_ac	1AA 0.02
201425_at	1AA 0.02	204616_at	TAA 0.02
202123_s_at	1AA 0.02	34031_i_at	1AA 0.02
200964_at	1AA 0.02	211576 s at	1AA 0.02
31845_at	1AA 0 02	211015 6 2+	177 0 02
212626 2+	177 0.02	211013_5_at	1AA 0.02
213626_at 217834_s_at	IAA 0.02	203839_s_at	1AA 0.02
217834_s_at	1AA 0.02	204786 s at	1AA 0.02
221498_at	1AA 0.02	1560339 s at	1AA 0.02
210732_s_at	20 0 441	221059 c at	177 0.02
210/32_3_40	1AA 0.02	202868_s_at 201500_s_at 203140_at 215813_s_at 213528_at 202127_at 225361_x_at 225361_x_at 217751_at 201669_s_at 201877_s_at 207986_x_at 207986_x_at 207986_x_at 203035_s_at 214315_x_at 208729_x_at 203615_x_at 216268_s_at 216268_s_at 220560_at 218633_x_at 206649_s_at 208667_s_at 203973_s_at 212742_at 202855_s_at 212742_at 202855_s_at 2117811_at 220143_x_at 220143_x_at 225319_s_at 201990_at 201616_at 34031_i_at 211576_s_at 201900_at 204616_at 34031_i_at 211576_s_at 201900_at 204616_at 34031_i_at 211576_s_at 201900_at 204616_at 34031_i_at 211576_s_at 20290_at 204786_s_at 203839_s_at 204786_s_at 203839_s_at 204786_s_at 203800_s_at 204786_s_at 203900_s_at 204786_s_at 20300_s_at 20206_at 20300_s_at 2020679_at 227388_at 202679_at 227388_at 202679_at 20788_s_at	IAA 0.02
205419_at 220248_x_at	TAA 0.02	202206_at	1AA 0.02
220248_x_at	1AA 0.02	201300 s at	1AA 0.02
201054_at	1AA 0.02	202679 at	1 4 4 0 0 0 2
155674 <u>4</u> a_at	177 0 02	207300 -+	177 0.02
201704	177 0.02	22/300_at	1AA 0.02
201784_s_at	1AA 0.02	225976 <u>a</u> t	1AA 0.02
1554899 s at	1AA 0.02	200648 s at	1AA 0.02
203363 s at	1AA 0.02	205099 s at	1AA 0.02
<del></del>	1AA 0.02		1AA 0.02
	1AA 0.02		1AA 0.02
	1AA 0.02	204351_at	1AA 0.02
219151 s at	1AA 0.02		1AA 0.02
	1AA 0.02	<del>-</del>	
		<del>-</del>	1AA 0.02
	1AA 0.02	231809_x_at	1AA 0.02
50965 at	1AA 0.02	207289 at	1AA 0.02
$21486\overline{6}$ at	1AA 0.02		1AA 0.02
	1AA 0.02		1AA 0.02
203353_s_at	1AA 0.02	211955_at	1AA 0.02
202621_at	1AA 0.02	<del>-</del>	1AA 0.02
	1AA .0.02		
<del></del>			1AA 0.02
	1AA 0.02		1AA 0.02
38241_at	1AA 0.02	212904 at	1AA 0.02
$21265\overline{7}$ s at	1AA 0.02		1AA 0.02
	1AA 0.02		
			1AA 0.02
	1AA 0.02	209131_s_at	1AA 0.02
	1AA 0.02		1AA 0.02
211747 s at	1AA 0.02	<del></del>	1AA 0.02
		221033_S_dt	IAA 0.02

210152_at	1AA 0.02	218610 s at	1AA 0.02
218522 s at	20 0 441	205047	177 0 00
210622_0_0	177 0 00	203047_5_at	IAA 0.02
218522_s_at 219690_at 202577_s_at 210555_s_at	IAA U.UZ	219821_s_at	1AA 0.02
202577 s at	1AA 0.02	203646 at	1AA 0.02
210555 s at	1AA 0.02	201584 s at	1 2 2 0 0 2
206846 s at	177 0 02	201304_5_ac	177 0.02
200040_S_at	1AA 0.02	20/66/_s_at	IAA 0.02
224984_at	1AA 0.02	201960 s at	1AA 0.02
218514 at	1AA 0.02	221847 at	122 0 02
209065_at	1 2 2 0 0 2	206571 +	177 0.02
203003_ac	1AA 0.02	2003/1_S_at	IAA U.UZ
224984_at 218514_at 209065_at 217737_x_at	IAA 0.02	209770_at	1AA 0.02
218175_at	1AA 0.02	203401 at	1AA 0.02
218109_s_at	1AA 0.02	208982_at	1 2 2 0 0 2
210502 - 2+	177 0.02	200902_at	1AA 0.02
210362_S_at	1AA 0.02	211698_at	IAA 0.02
210582_s_at 214298_x_at 202355_s_at	1AA 0.02	223620_at	1AA 0.02
202355 s at	1AA 0.02	202754 at	1AA 0.02
218018 at	1AA 0.02	208997 8 3+	177 0 02
	177 0.02	200337_S_at	1AA 0.02
201955_at	1AA 0.02	202//9_s_at	IAA 0.02
208673_s_at 203234_at 219505_at	1AA 0.02	231747 at	1AA 0.02
203234 at	1AA 0.02	203801 at	1AA 0.02
219505 at	1 2 2 0 0 2	202822 at	177 0.02
219000_ac	177 0.02	202022_at	1AA 0.02
216019_S_at	1AA U.UZ	208454_s_at	1AA 0.02
218019_s_at 212383_at 210114_at 203647_s_at	1AA 0.02	212351 at	1AA 0.02
210114 at	1AA 0.02	209467 s at	122 0 02
203647 s at	122 0 02	203107_5_40	1701 0.02
203047_3_ac	177 0.02	202915_S_at	IAA 0.02
214421_x_at	IAA 0.02	218503_at	1AA 0.02
219212 at	1AA 0.02	220566 at	1AA 0.02
218163 at	1AA 0.02	218632 at	1 2 2 0 0 2
200915 v at	177 0 02	210032_40	177 0.02
219212_at 218163_at 200915_x_at 208802_at	1AA 0.02	218882_S_at	1AA 0.02
208802_at	IAA 0.02	. 201692_at	1AA 0.02
218696_at 218244_at 212037_at	1AA 0.02	208741 at	1AA 0.02
218244 at	1AA 0.02	212599 at	122 0 02
212037 at	177 0 02	222333_40	177 0.02
212037_ac	177 0.02	224/33_at	1AA 0.02
219235_s_at	1AA 0.02	224160_s_at	1AA 0.02
200694_s_at	1AA 0.02	225406 at	1AA 0.02
201136_at 206491_s_at	1AA 0.02	243 g at	122 0 02
206491 s at	170 0 02	220224	177 0.02
218062 x at	177 0.02	220234_at	IAA 0.02
	IAA 0.02	235181_at	1AA 0.02
204520_x_at	1AA 0.02	218610_s_at 205047_s_at 205047_s_at 219821_s_at 203646_at 201584_s_at 207667_s_at 201960_s_at 221847_at 206571_s_at 209770_at 203401_at 208982_at 211698_at 223620_at 202754_at 208997_s_at 202779_s_at 203801_at 202822_at 208454_s_at 212351_at 209467_s_at 209467_s_at 209467_s_at 209467_s_at 209467_s_at 209467_s_at 209915_s_at 218503_at 218503_at 218503_at 220566_at 218632_at 218632_at 218632_at 218632_at 218733_at 224160_s_at 224733_at 235181_at 220288_at 217903_at 218066_at 203825_at 203718_at 20479_at	1AA 0.02
218324_s_at 201000_at 201007_at	1AA 0.02	217903 at	144 0 02
201000 at	1 2 2 0 0 2	210066 at	177 0.02
201000_at	177 0.02	210000_at	1AA 0.02
201007_at	IAA 0.02	203825_at	1AA 0.02
201501_s_at	1AA 0.02	203718 at	1AA 0.02
200799_at	1AA 0.02	221485 at	1AA 0.02
201365 at	1AA 0.02	209479_at	1AA 0.02
217940 s at	177 0.02	209479_at	1AA 0.02
	1AA 0.02	202896 <u>_</u> s_at	
203514_at	1AA 0.02	202532_s_at	1AA 0.02
208961_s_at	1AA 0.02	207719_x_at	1AA 0.02
205821 at	1AA 0.02	208018 s at	1AA 0.02
218239 s at			
	1AA 0.02	208773_s_at	1AA 0.02
204839_at	1AA 0.02	200614 at	1AA 0.02
202757 at	1AA 0.02	155296 <del>7</del> at	1AA 0.02
203335_at	1AA 0.02	200814 at	1AA 0.02
	1AA 0.02		
		200852_x_at	1AA 0.02
	1AA 0.02	201552_at	1AA 0.02
201494_at	1AA 0.02	203137 at	1AA 0.02
35156 at	1AA 0.02	218298 s at	
			1AA 0.02
209188_x_at	1AA 0.02	218056_at	1AA 0.02
1555522_s_at		203195 <u> </u>	1AA 0.02
220035 at	1AA 0.02	213009 s at	1AA 0.02
<del></del>	1AA 0.02	223658 at	
200476 55			1AA 0.02
	1AA 0.02	218594_at	1AA 0.02
203362_s_at	1AA 0.02	222199 s at	1AA 0.02
202510`s at	1AA 0.02	205763_s_at	1AA 0.02
206809 s at	1AA 0.02	219913 s at	1AA 0.02
= 2 2 2 2 2 _O_a c		213313_S_at	IAA 0.02

219774 at	1AA	0.02	207606 s at	1 A A	0.03
213331 s at	1AA	0.02	219717 at	1 2 2	0.03
011071	1 7 7	0.02	202074 a ab	1777	0.03
201052+	1777	0.02	2020/4_S_at	IAA	0.03
201033_s_at	IAA	0.02	39402_at	1AA	0.03
21869/_at	1AA	0.02	218140_x_at	1AA	0.03
2112/1_x_at 201053_s_at 218697_at 235057_at 205594_at 218405_at 201135_at 210038_at 204436_at 218050_at 203139_at 208655_at	1AA	0.02	218449 at	1AA	0.03
205594 at	1AA	0.02	217880 at	1 A A	0.03
218405 at	1 A A	0.02	203741 s a+	177	0.03
201135_at	177	0.02	203741_3_at	1777	0.03
210030_at	177	0.02	22/3/9_at	IAA	0.03
210036_at	IAA	0.02	220199_s_at	1AA	0.03
204436_at	1AA	0.02	202888_s_at	1AA	0.03
218050_at	1AA	0.02	208767 s at	1AA	0.03
203139 at	1AA	0.02	202321 at	1 A A	0.03
208655_at 202259_s_at 218454_at 220495_s_at	1 A A	0.02	209701 at	177	0.03
202259 s at	1 20 20	0.02	211004	177	0.03
210454 25	177	0.02	211004_S_at	IAA	0.03
210454_at	IAA	0.02	212855_at	1AA	0.03
220495_s_at	IAA	0.02	211521_s_at	1AA	0.03
201515_s_at	1AA	0.02	204529 s at	1AA	0.03
1554464_a_at	1AA	0.02	205583 s at	1AA	0.03
210579_s_at 219231_at	1AA	0.03	226761 at	1 A A	0.03
219231 at	1AA	0.03	226404 at	1 7 7	0.03
206734_at	1 A A	0.03	207200+	177	0.03
241055	177	0.03	20/300_S_at	IAA	0.03
241935_at	IAA	0.03	204084_s_at	1AA	0.03
218512_at	IAA	_0.03	201202_at	1AA	0.03
241955_at 218512_at 202634_at 201110_s_at	1AA	0.03	223474 at	1AA	0.03
201110_s_at	1AA	0.03	203529 at	1AA	0.03
220371 s at	1AA	0.03	212239 at	1 2 2	0.03
209198 s at	1AA	0.03	206914 at	1ΔΔ	0.03
205621 at	1 2 2	0.03	203062 a a+	177	0.03
209198_s_at 205621_at 218397_at	177	0.03	203002_s_at	IAA	0.03
210397_at	177	0.03	221920_s_at	IAA	0.03
205323_s_at	IAA	0.03	203484_at	1AA	0.03
223124_s_at	1AA	0.03	202962_at	1AA	0.03
223124_s_at 204594_s_at 205917_at	1AA	0.03	204992 s at	1AA	0.03
205917 at	1AA	0.03	208931 s at	1AA	0.03
223350_x_at	1AA	0.03	207601 at	1ΔΔ	0 03
218571_s_at		0.03	205839 0 2+	1777	0.03
214709 s at		0.03	203033_s_at	177	0.03
210561 s at	1777	0.03	2040/2_S_at	IAA	0.03
			225364_at	IAA	0.03
208799_at		0.03	221036_s_at	1AA	0.03
211395_x_at	1AA	0.03	228648_at	1AA	0.03
219421_at	1AA	0.03	218026 at	1AA	0.03
202558 <u>s</u> at	1AA	0.03	1553594_a_at	1AA	0.03
		0.03	226249 at	1 A A	0.03
		0.03	221708 s at	1 2 2	0.03
		0.03			
		0.03	206655_s_at		
			1557905_s_at	IAA	0.03
		0.03	209486_at	1AA	0.03
		0.03	204283 <u>a</u> t	1AA	0.03
		0.03	208892_s at	1AA	0.03
203104_at	1AA	0.03	201423_s_at	1AA	0.03
201858 s at	1AA	0.03	208308 s at		
		0.03	1559883 s at		
<del></del>		0.03			
			200673_at		
		0.03	208270_s_at		0.03
57163_at		0.03	212792_at		0.03
		0.03	201276_at	1AA	0.03
	1AA	0.03	201611 s at	1AA	0.03
218838_s_at	1AA	0.03	201321 s at		0.03
		0.03	219303 at		0.03
		0.03			0.03
		0.03			
					0.03
		0.03	203791_at		0.03
		0.03	220235_s_at		0.03
203373 <u>a</u> t	1AA	0.03	214687_x_at	1AA	0.03

205176 8 2+	177 0 02	001705	
203170_3_ac	1AA 0.05	201/95_at	1AA 0.03
200048_s_at	IAA 0.03	211609 x at	1AA 0.03
205176_s_at 200048_s_at 208403_x_at	1AA 0.03	205644 s at	1AA 0.03
214629 x at	1ልል በ በ3	210174	177 0.03
	177 0 00	2101/4_S_at	TAA 0.03
214369_s_at	IAA 0.03	215806_x_at	1AA 0.03
203079_s_at 212825_at 204640_s_at	1AA 0.03	220712 at	1AA 0.03
212825 at	1AA 0.03	205408 2+	177 0.00
204640 0 0+	177 0 02	203400_at	IAA 0.03
204040_S_at	IAA 0.03	202860_at	1AA 0.03
203432_at	1AA 0.03	207064 s at	1AA 0.03
205170_at	1AA 0.03	225649 8 at	122 0 03
221060 s at	177 0 03	223045_3_at	177 0.03
221060_s_at 210146_x_at 201930_at	1AA 0.03	203116_s_at	TAA 0.03
210146_X_at	1AA 0.03	209604 s at	1AA 0.03
201930 at	1AA 0.03	212757 s at	1AA 0.03
241715 x at	1AA 0.03	201697 c 2+	177 0 02
19531 5+	177 0 03	201097_S_at	IAA 0.03
40331_at	1AA 0.03	208656_s_at	1AA 0.03
204246_s_at	1AA 0.03	203487 s at	1AA 0.03
222601 at	1AA 0.03	218288 s at	1 A A O O 3
201526 at	122 0 03	201260_5_40	1737 0.03
202520_45	177 0 00	201360_at	TAA 0.03
203501_at	1AA 0.03	203513_at	1AA 0.03
209286_at	1AA 0.03	208581 x at	1AA 0.03
200004 at	1AA 0.03	218924 s at	1 2 2 0 0 3
212381 at	122 0 03	210024_3_40	177 0.03
222001_at	1AA 0.03	210095_s_at	TAA 0.03
2229/5_s_at	1AA 0.03	203409 at	1AA 0.03
204630_s_at	1AA 0.03	217966 s at	1AA 0.03
201832 s at	1AA 0.03	202042 at	177 0 03
221826 at	177 0 03	202042_at	1AA 0.03
201930_at 241715_x_at 48531_at 204246_s_at 204246_s_at 201526_at 203501_at 209286_at 209004_at 212381_at 222975_s_at 204630_s_at 201832_s_at 201832_s_at 201832_s_at 201834_s_at 202746_at 211684_s_at 204019_s_at 205690_s_at 233467_s_at 226629_at 205690_s_at 213418_at 21561	1AA 0.03	204220_at	IAA 0.03
204019_s_at	IAA 0.03	207351 s at	1AA 0.03
202746 at	1AA 0.03	212413 at	1AA 0.03
211684 s at	1AA 0.03	210538 5 2+	177 0.03
208249 6 34	177 0 03	210330_8_at	IAA 0.03
200249_5_at	IAA 0.03	209060_x_at	1AA 0.03
206/38_at	IAA 0.03	204060 s at	1AA 0.03
233467_s_at	1AA 0.03	223115 at	1AA 0.03
226629 at	1AA 0.03	225425 g at	177 0 03
205690 8 3+	177 0 03	225425_8_at	1AA 0.03
213410	1AA 0.03	225899_x_at	1AA 0.03
213418_at	1AA 0.03	239381_at	1AA 0.03
ZIIJUI A QL	1AA 0.03	213716 s at	1AA 0.03
202174 s at	1AA 0.03	217993 8 3+	177 0 02
231868 at	177 0 03	217333_3_ac	1AA 0.03
202174_s_at 231868_at 202641_at	1AA 0.03	21/336_at	TAA 0.03
202641_at	1AA 0.03	201795_at 211609_x_at 205644_s_at 218174_s_at 218174_s_at 215806_x_at 220712_at 205408_at 202860_at 207064_s_at 203116_s_at 203604_s_at 201697_s_at 201697_s_at 203487_s_at 201360_at 203513_at 203513_at 20424_s_at 204220_at 204220_at 207351_s_at 204220_at 207351_s_at 204220_at 207351_s_at 204220_at 207351_s_at 204220_at 207351_s_at 204220_at 207351_s_at 204220_at 204220_s 204060_s_at 203513_at 20538_s_at 204060_s_at 203115_at 204060_s_at 223115_at 225425_s_at 225899_x_at 239381_at 217993_s_at 217993_s_at 217993_s_at 217993_s_at 217993_s_at 217993_s_at 217993_s_at 21178_s_at 211948_x_at 211948_x_at 211948_x_at 202424_at	1AA 0.03
218395 <u>a</u> t	1AA 0.03	211178 s at	1AA 0.03
219066 at	1AA 0.03	211948 × at	177 0.03
217299_s_at	177 0 03	211040_1_a	1AA 0.03
210000	1AA 0.03	210951_x_at	1AA 0.03
	1AA 0.03	202424_at	1AA 0.03
223283 <u>s</u> at	1AA 0.03	202435 s at	1AA 0.03
200953 <u>s</u> at	1AA 0.03	202100 at	1AA 0.03
220537 at	1AA 0.03		
i -		205685_at	1AA 0.03
	1AA 0.03	206976 <u>s</u> at	1AA 0.03
	1AA 0.03	208771 s at	1AA 0.03
200655_s_at	1AA 0.03	208945_s_at	1AA 0.03
	1AA 0.03	207761	
		207761_s_at	1AA 0.03
<del>_</del> _	1AA 0.03	208610_s_at	1AA 0.03
	1AA 0.03	208998 at	1AA 0.03
227180_at	1AA 0.03	208634 s at	1AA 0.03
	1AA 0.03		
226510		1552264_a_at	
226510_at	1AA 0.03	1554240_a_at	1AA 0.03
217724_at	1AA 0.03	200859_x_at	1AA 0.03
203629 s at	1AA 0.03	201137 s at	1AA 0.03
203943_at	1AA 0.03	<b>– –</b>	
200070_at		219037_at	1AA 0.03
211727_s_at	1AA 0.03	211922 <u>s</u> at	1AA 0.03
218967_s_at	1AA 0.03	202164_s at	1AA 0.03
59644 at	1AA 0.03	200853_at	
217989 at			1AA 0.03
	1AA 0.03	213875_x_at	1AA 0.03
207677_s_at		205672 at	1AA 0.03
202330_s at	1AA 0.03	35617 at	1AA 0.03
		2331,_46	

231540 5+	177 0 02	000650		
231340_at	IAA 0.03	203658_at	IAA	0.03
208/20_s_at	1AA 0.03	219700 at	1AA	0.03
204336 s at	1AA 0.03	213915 at	1 A A	0.03
231540_at 208720_s_at 204336_s_at 222708_s_at	144 0 03	52164 at	177	0.03
217726 25	177 0.00	32104_at	IAA	0.03
217726_at	IAA 0.03	203317_at	1AA	0.03
207338_s_at	1AA 0.03	204960 at	1AA	0.03
224281 s at	1AA 0.03	226378 s at	1 2 2	0 03
212213 v at	177 0 03	220370_8_40	1777	0.05
117	177 0.03	206586_at	IAA	0.03
207338_s_at 224281_s_at 212213_x_at 117_at	1AA 0.03	204244_s_at	1AA	0.03
217797_at	1AA 0.03	220760 x at	1AA	0.03
218259 at	1AA 0.03	201323 at	1 2 2	0 03
210912 - =+	122 0 03	201323_46	1777	0.03
210312_X_dt	177 0.03	205241_at	IAA	0.03
218259_at 210912_x_at 208705_s_at 204446_s_at	1AA 0.03	217865_at	1AA	0.03
204446_s_at	1AA 0.03	200706 s at	1AA	0.03
20/691 x at	1AA 0.03	53720 at	1 A A	0 03
210479 s at	1 2 2 0 0 3	202530 2+	177	0.03
217926	170.00	202330_at	IAA	0.03
21/626_S_at	1AA 0.03	1552553_a_at	1AA	0.03
210479_s_at 217826_s_at 201950_x_at	1AA 0.03	200057 s at	1AA	0.03
206377 at	1AA 0.03	213049 at	1AA	0.03
203291 at	1AA 0 03	217912 2+	1 7 7	0.03
203291_at 212014_x_at 209455_at	177 0.03	21/912_at	TAA	0.03
212014_x_ac	1AA 0.03	216689_x_at	IAA	0.03
209455_at	1AA 0.03	202491_s_at	1AA	0.03
243196 s at	1AA 0.03	211961 s at	1AA	0.03
205299 s at	1AA 0.03	207541 s at	1 20 20	0 03
219217 at	1 7 7 0 03	207041_3_40	177	0.03
219217_at 221580_s_at	1AA 0.03	220980_s_at	IAA	0.03
221580_s_at	IAA 0.03	223034_s_at	1AA	0.03
218111_s_at	1AA 0.03	200978 at	1AA	0.03
201089 at	1AA 0.03	209005 at	1 A A	0.03
206158_s_at	122 0 03	208684 2+	1 7 7	0.03
205383 c at	177 0.03	1 407 -	177	0.03
205383_s_at 200782_at	1AA 0.03	1487_at	IAA	0.03
200782_at	1AA 0.03	201477_s_at	1AA	0.03
223637 s at	1AA 0.03	202060 at	1AA	0.03
226994_at	1AA 0.03	218979 at	1 Δ Δ	0.03
202853 s at	177 0 03	210575_ac	122	0.03
202853_s_at 203572_s_at	177 0.00	210040_dL	TAA	0.03
	IAA 0.03	1552301_a_at	1AA	0.03
214224_s_at	1AA 0.03	202665 s at	1AA	0.03
221002_s_at	1AA 0.03	218249 at	1AA	0.03
205609 at	1AA 0.03	202221 s at	1 7 7	0 03
205609_at 202207_at	122 0.03	203658_at 219700_at 213915_at 52164_at 203317_at 204960_at 226378_s_at 206586_at 204244_s_at 201323_at 205241_at 217865_at 200706_s_at 202530_at 1552553_a_at 200057_s_at 213049_at 217912_at 216689_x_at 202491_s_at 21961_s_at 207541_s_at 207541_s_at 20905_at 20980_s_at 223034_s_at 209905_at 208684_at 1487_at 201477_s_at 209065_s_at 208684_at 1487_at 201477_s_at 201477_s_at 202665_s_at 218249_at 202665_s_at 218249_at 202221_s_at 201144_s_at 201144_s_at 201147_s_at 202364_at	122	0.03
219041_s_at	1777 0.00	201144_S_at	IAA	0.03
	IAA 0.03	211270_x_at	1AA	0.04
218699_at	1AA 0.03	205006 s at	1AA	0.04
204700 x at	1AA 0.03	217995 at	1AA	0.04
201804 x at	1AA 0.03	202364 at	1 2 2	0.04
	1AA 0.03	202304_40	177	0.04
	177 0.00	221020_s_at	TAA	0.04
	IAA 0.03	222014_X_at	TAA	0.04
	1AA 0.03	212539 at	1AA	0.04
217207 s at	1AA 0.03			0.04
	1AA 0.03	208919 s at		0.04
225392 at				
				0.04
201413_at	1AA 0.03	206324_s_at	1AA	0.04
	1AA 0.03	211702_s_at	1AA	0.04
214314 s at	1AA 0.03			0.04
	1AA 0.03			0.04
	1AA 0.03			
221361_S_at				0.04
204788_s_at	1AA 0.03		1AA	0.04
222623_s_at	1AA 0.03		1AA	0.04
213239 at	1AA 0.03			0.04
201985 at	1AA 0.03	<del>_</del>		
_				0.04
219802_at		207969 <u>_</u> x_at		
212453_at	1AA 0.03		1AA	0.04
	1AA 0.03			0.04
	1AA 0.03			0.04
64408_s_at				
216396_s_at	1AA 0.03	<del></del>		0.04
210030_S_at	THM 0.03	204971_at	TAA	0.04

220261 s at	1AA 0.04	207535 s at	1AA 0 04
210858 x at	177 0 04	207030_5_46	177 0.04
	IAA 0.04	21///2_s_at	1AA U.U4
203900_at	1AA 0.04	208918 s at	1AA 0.04
207078_at 201012_at	1AA 0.04	225177 at	122 0 04
201012	177 0 04	223177_40	IAA 0.04
201012_at	IAA 0.04	224619_at	1AA 0.04
204176 at	1AA 0.04	224374 s at	1AA 0.04
214511_x_at	122 0 04	210126 2+	177 0 04
	1AA 0.04	219126_at	IAA 0.04
220477_s_at	IAA 0.04	213318 s at	1AA 0.04
211760 s at	1AA 0.04	217835 x at	1 4 4 0 0 4
225032 at	177 0 04	015700_n_ac	177 0.04
223032_ac	IAA 0.04	215/83_S_at	IAA .U.U4
219317_at	1AA 0.04	217858 s at	1AA 0.04
223506_at	1AA 0.04	218217 at	122 0 04
226490 25	100 0 04	210217_40	1AA 0.04
226489_at 219353_at 204387_x_at	1AA 0.04	204467_s_at	1AA 0.04
219353 at	1AA 0.04	210835 s at	1AA 0.04
204387 x at	1 A A O O 4	206174 = 3+	177 0 04
210772 at	177 0 04	200174_3_&C	10.04
	IAA 0.04	2081/4_x_at	1AA 0.04
217763_s_at	1AA 0.04	209141 at	1AA 0.04
217960 s at	1 2 2 0 0 4	209435 8 2+	177 0 04
217960_s_at 208579_x_at	177 0.04	209433_3_ac	IAA 0.04
2085/9_X_at	IAA U.U4	200722_s_at	1AA 0.04
201715 s at	1AA 0.04	1555948 s at	1AA 0.04
201090 x at	1 2 2 0 0 4	201647 2 2+	177 0 04
201030_K_uc	177 0.04	201047_S_at	IAA 0.04
220659_s_at 209949_at 202527_s_at	IAA 0.04	220148_at	1AA 0.04
209949 at	1AA 0.04	214339 s at	1AA 0.04
202527 s at	100 0 441	202110 0+	177 0 04
202527_3_at	IAA 0.04	203110_at	IAA 0.04
200676_s_at	1AA 0.04	227268 at	1AA 0.04
231896_s_at	1AA 0.04	218146 at	1AA 0.04
201074 at	177 0 04	212407	177 0 04
201074_at 203692_s_at	1AA 0.04	212407_ac	IAA 0.04
203692_s_at	IAA 0.04	209615_s at	1AA 0.04
225378_at	1AA 0.04	211725 s at	1AA 0.04
	1 2 2 0 0 4	200222 2+	177 0 04
209111_at	1AA 0.04	209233_at	IAA 0.04
202182_at 224209_s_at	IAA 0.04	215548_s_at	1AA 0.04
224209 s at	1AA 0.04	200864 s at	1AA 0.04
201463 s at	1 4 4 0 0 4	21/291 2+	177 0 04
	1701 0.04	214291_at	IAA 0.04
208622_s_at	1AA 0.04	217216_x_at	1AA 0.04
218177_at 207674_at 214578_s_at	1AA 0.04	34206 at	1AA 0.04
207674 at	1AA 0 04	36030_a+	177 0 04
21/579 2 2+	177 0.01	30030_ac	177 0.04
214576_S_at	IAA 0.04	202194_at	IAA 0.04
203126_at	1AA 0.04	207535_s_at 217772_s_at 208918_s_at 225177_at 224619_at 224374_s_at 219126_at 213318_s_at 217835_x_at 215783_s_at 215783_s_at 218217_at 204467_s_at 204467_s_at 208174_x_at 209141_at 209435_s_at 200722_s_at 1555948_s_at 201647_s_at 201721_s_at 201721_s_at 201721_s_at 202645_s_at	1AA 0.04
204208 at	1AA 0.04	213287 s at	122 0 04
201779 8 2+	177 0 04	213207_8_46	1771 0.04
201779_S_ac	1AA 0.04	211139_s_at	IAA 0.04
204208_at 201779_s_at 201302_at	1AA 0.04	201721 s at	1AA 0.04
232914_s_at	1AA 0.04	202801 at	1AA 0.04
206183_s_at	1AA 0.04	220207_45	177 0 04
	1AA 0.04	220307_at	1AA 0.04
227647_at	1AA 0.04	202645_s_at	1AA 0.04
209662 at	1AA 0.04	204683 at	1AA 0.04
201889 at	1AA 0.04		1AA 0.04
212194_s_at	1AA 0.04	211505_s_at	1AA 0.04
204493 at	1AA 0.04	1405_i_at	1AA 0.04
219253 at	1AA 0.04	212305 s at	1AA 0.04
	1AA 0.04		1AA 0.04
217100 s at	1AA 0.04	203765 at	1AA 0.04
205171_at	1AA 0.04		1AA 0.04
	1AA 0.04	218367_x_at	1AA 0.04
219816_s_at	1AA 0.04	202189 x at	1AA 0.04
	1AA 0.04		1AA 0.04
		<b>—</b>	
41329_at	1AA 0.04	203523_at	1AA 0.04
208864  s at	1AA 0.04	221208_s_at	1AA 0.04
<b>_</b>	1AA 0.04		1AA 0.04
	1AA 0.04		1AA 0.04
210164 at	1AA 0.04	200696 s at	1AA 0.04
$1558136_s$ at		205856 at	
200400 == ==			1AA 0.04
209499_x_at	1AA 0.04	217941_s_at	1AA 0.04
202408_s_at	1AA 0.04	205831 at	1AA 0.04
227143 s at	1AA 0.04	208688 x at	1AA 0.04
		200000_x_at	IAA 0.04

202477 s a+	1 2 2	0.04	M33107	מ ת ד	0 04
210060 2+	177	0.04	M22131	TWM	0.04
219000_at	IAA	0.04	635_s_at	TAA.	0.04
2040/0_at	IAA	0.04	AFFX-HUMGAPD	H/	
212100_s_at	IAA	0.04	M33197	1AA	0.04
202477_s_at 219860_at 204070_at 212100_s_at 217830_s_at	1AA	0.04	52169_at	1AA	0.04
222503_s_at	1AA	0.04	53968_at	1AA	0.04
218456_at	1AA	0.04	57532_at	1AA	0.04
201591_s_at	1AA	0.04	65591 at	1AA	0.04
209444 at	1AA	0.04	$21995\overline{2} \text{ s at}$	1AA	0.04
211801 x at	1AA	0.04	218713 at	1AÁ	0.04
214439 x at	1AA	0.04	218708 at	1AA	0.04
201512 s at	1AA	0.04	219129 s at	1AA	0.04
222503_s_at 218456_at 201591_s_at 209444_at 211801_x_at 214439_x_at 201512_s_at 233759_s_at 212262_at 218167_at 217964_at 221677_s_at 209128_s_at 217947_at 217861_s_at	1AA	0.04	220054 at	1AA	0.04
212262 at	1AA	0.04	218660 at	1AA	0.04
218167 at	1AA	0.04	218637 at	1 A A	0.04
217964 at	1AA	0.04	219256 s at	1 A A	0.04
221677 s at	1AA	0.04	218992 at	1 2 2	0.01
209128 s at	1AA	0.04	218648 at	1 A A	0.01
217947 at	1 A A	0.04	219575 s at	1 2 2	0.04
217861 s at	1 A A	0.04	220086 at	1 2 2	0.04
212642 s at	122	0.04	219724 s at	1 20 20	0.04
202538 s at	122	0.04	219127_3_at	177	0.04
201965 s at	1 2 2	0.01	219137_3_ac	177	0.04
201009_3_ac	122	0.04	210373_ac	177	0.04
207549 v at	122	0.04	210607_S_at	1 A A	0.04
217947_at 217861_s_at 217861_s_at 212642_s_at 202538_s_at 201965_s_at 200049_at 207549_x_at 221219_s_at 217870_s_at 201823_s_at 201189_s_at 57539_at 221290_s_at 217842_at 211970_x_at	177	0.04	21900/_s_at	1 A A	0.04
217970 s at	177	0.04	210///_at	1AA	0.04
21/0/0_5_at	177	0.04	219540_at	1AA	0.04
201023_S_at	177	0.04	2195/1_s_at	1AA	0.04
57530 at	1 A A	0.04	219806_s_at	1AA	0.04
37339_at	1 A A	0.04	218/39_at	IAA	0.04
221290_5_at	177	0.04	218982_s_at	IAA	0.04
21/042_at	177	0.04	218625_at	IAA	0.04
211970_x_at 225623_at 212130_x_at 1553297_a_at	1AA	0.04	2184/4_s_at	IAA	0.04
223023_at	1 A A	0.04	219429_at	IAA	0.04
1553207 2 at	177	0.04	2195/U_at	IAA	0.04
133329/_a_at	1AA	0.04	219649_at	IAA	0.04
213507_s_at 230214_at 211558_s_at 219248_at	1AA	0.04	2196/9_s_at	IAA	0.04
230214_at	IAA	0.04	219648_at	1AA	0.04
211558_s_at	IAA	0.04	219073_s_at	1AA	0.04
219248_at	IAA	0.04	218802_at	1AA	0.04
217885_at	IAA	0.04	220032_at	1AA	0.04
1553562_at		0.04 0.04	219345_at	1AA	0.04
202654_x_at 207569 at	IAA	0.04	218978_s_at	1AA	0.04
20/569_at	IAA	0.04	219118_at	1AA	0.04
		0.04	219528_s_at		0.04
217980_s_at	IAA	0.04	218482_at		0.04
209514_s_at	IAA	0.04 0.04	219812_at		0.04
46256_at	1AA	0.04	219983_at		0.04
35626_at			218611_at		0.04
51228_at			219163_at		0.04
50221_at	1AA	0.04	218822_s_at		0.04
33323_r_at	1AA	0.04 0.04	219133_at	1AA	0.04
39817 <u>s</u> at	1AA	0.04	219286_s_at	1AA	0.04
33778 <u>at</u>			220366_at	1AA	0.04
32259_at	1AA	0.04	220399_at	1AA	0.04
45288_at	1AA	0.04	212790_x_at	1AA	0.04
35436 at	1AA	0.04	212558_at	1AA	0.04
		0.04	212588_at		0.04
32032 <u>a</u> t			212629 s at		0.04
51192_at	1AA	0.04	212333 at		0.04
89948_at		0.04	212773_s_at		0.04
AFFX-HUMISGF			214513 s at		0.04
M9793	1AA	0.04	212840 at	1AA	0.04
AFFX-HUMGAPD	H/		212675 s at	1AA	0.04

0.5.0.7.6.4			
212764_at	1AA 0.04	217838 s at	1AA 0.04
213538_at	1AA 0.04	217824 at	122 0 04
214224	177 0 04	217021_00	155 0.04
214334_x_at 214869_x_at	1AA 0.04	218150_at	1AA 0.04
214869 x at	1AA 0.04	217286 s at	1AA 0.04
214496 x at	1 2 2 0 0 0	218003 5 2+	177 0 04
	1AA 0.04	210005_S_at	1AA 0.04
212826_s_at	1AA 0.04	217816 s at	1AA 0.04
212348_s_at	1AA 0.04	217817 at	122 0 04
212010	177 0 04	21/01/_dc	177 0.04
212010_S_at	IAA 0.04	218391_at	IAA 0.04
212818_s_at 212585_at	1AA 0.04	218104 at	1AA 0.04
212864_at	122 0 04	217147 - 2+	177 0 04
212001_40	177 0 04	217117_3_40	1AA 0.04
213623_at	1AA 0.04	2180/6_s_at	1AA 0.04
213470_s_at	1AA 0.04	218309 at	1AA 0.04
212798 - 3+	177 0 04	210222	177 0 04
212798_s_at 213859_x_at	1AA 0.04	210233_S_at	IAA 0.04
213859_x_at	1AA 0.04	215947_s_at	1AA 0.04
212369_at	1AA 0.04	215990 s at	1AA 0 04
214544 s at	177 0 04	217710+	177 0 04
214344_5_at	IAA 0.04	21//16_S_at	1AA U.U4
212852_s_at	1AA 0.04	218411 s at	1AA 0.04
$214459 \times at$	1AA 0.04	217938 s at	100 044
212852_s_at 214459_x_at 212971_at	177 0 04	217300_0_4	1777 0 04
2129/1_at	IAA 0.04	218297_at	1AA 0.04
214146 s at	1AA 0.04	215230 x at	1AA 0.04
213151_s_at	1AA 0.04	218089 at	122 0 04
212154	177 0 04	210005_40	177 0.04
213154_s_at 213650_at	IAA U.U4	216591_s_at	IAA 0.04
213650 at	1AA 0.04	217917 s at	1AA 0.04
214097 at	1AA 0 04	217918 a+	177 0 04
	177 0.04	217510_40	1AA 0.04
213594_x_at	1AA 0.04	218132_s_at	1AA 0.04
214263 x at	1AA 0.04	218088 s at	1AA 0.04
214263_x_at 214119_s_at 212457_at	122 0 04	218103 at	177 0 04
211117_5_4	177 0.04	210103_at	1AA 0.04
21245/_at	1AA 0.04	217078_s_at	1AA 0.04
213080 x at	1AA 0.04	217864 s at	1AA 0.04
214258_x_at 212543_at 214246_x_at	1 4 4 0 0 4	217807 - 2+	177 0 04
21250	177 0 04	217007_5_ac	1AA 0.04
212543_at	IAA U.U4	215884_s_at	1AA 0.04
214246 x at	1AA 0.04	217986 s at	1AA 0.04
213012_at	1AA 0.04	217800 = at	100 0 441
213002_at	177 0 04	217000_3_ac	1AA 0.04
213083_at 214230_at 213349_at	IAA 0.04	218304_s_at	IAA 0.04
214230 at	1AA 0.04	217742 s at	1AA 0.04
213349 at	1AA 0.04	218455 at	122 0 04
213588_x_at	177 0 04	210433_at	177 0.04
213300_x_ac	IAA 0.04	21/8//_s_at	1AA 0.04
213047_x_at	1AA 0.04	217838_s_at 217824_at 218150_at 217286_s_at 218003_s_at 217816_s_at 217817_at 218391_at 218104_at 217147_s_at 218309_at 218233_s_at 215947_s_at 215990_s_at 215990_s_at 217718_s_at 217918_s_at 217938_s_at 217938_s_at 217917_s_at 217917_s_at 217918_at 217918_at 217918_s_at 217918_s_at 217978_s_at 217078_s_at 217078_s_at 217807_s_at 217877_s_at 218116_at 217742_s_at 218455_at 217742_s_at 218455_s_at 217939_s_at 218093_s_at 218093_s_at 203436_at 203455_s_at 203455_s_at 204312_x_at 203517_at	1AA 0.04
212508_at 213578_at	1AA 0.04	217939 s at	1 2 2 0 0 4
212570 2+	177 0 04	217939_0_dc	1721 0.04
213376_aL	1AA 0.04	218093_s_at	IAA 0.04
212910_at	1AA 0.04	203436 at	1AA 0.04
213137_s_at	1AA 0.04	203455 s at	1AA 0.04
212542_s_at	1AA 0.04	204312+	177 0 04
212342_3_ac	1AA 0.04	204312_x_at	1AA 0.04
212257_s_at	1AA 0.04	203517_at	1AA 0.04
214895 s at	1AA 0.04	2035317_at 203538_at	1AA 0.04
212958 x at	1AA 0.04	204024 at	1AA 0.04
		201021_ac	
212953_x_at	1AA 0.04	204140_at	1AA 0.04
213088 s at	1AA 0.04	204245 s at	1AA 0.04
214908 s at	1AA 0.04	204116 at	1AA 0.04
_	1AA 0.04	204290_s_at	1AA 0.04
218426 s at	1AA 0.04	204445_s_at	1AA 0.04
217499 x at	1AA 0.04	204808 s at	1AA 0.04
217819_at	1AA 0.04	203378_at	1AA 0.04
217972 at	1AA 0.04	203975 s at	1AA 0.04
218048 at		203274 at	1AA 0.04
218041_x_at	1AA 0.04	204151_x_at	1AA 0.04
218145_at	1AA 0.04	203590 at	1AA 0.04
217644 s at	1AA 0.04	204098 at	1AA 0.04
218082_s_at	1AA 0.04	204794_at	1AA 0.04
216438 s at	1AA 0.04	203945 at	1AA 0.04
217887 s at	1AA 0.04		
		203831_at	1AA 0.04
217926_at	1AA 0.04	204391_x_at	1AA 0.04
218346 s at	1AA 0.04	204479 at	1AA 0.04
218258 at	1AA 0.04	203437 at	1AA 0.04
		203431_at	10.04

004740	4 0 04		
204748_at	1AA 0.04	211023_at	1AA 0.04
204243_at 203408_s_at 203932_at 203654_s_at	1AA 0.04	209795 at	1AA 0.04
203408 - 2+	177 0 04	211002 a.t	177 0 04
203400_S_at	1AA 0.04	211002_X_at	IAA 0.04
203932_at	1AA 0.04	211100_x_at	1AA 0.04
203654 s at	1AA 0.04	211824 x at	1AA 0.04
203874 s at	177 0 04	210620 ** at	177 0 04
	1AA 0.04	210029_X_at	1AA 0.04
204706 <u>a</u> t	1AA 0.04	211710_x_at	1AA 0.04
203685 at	1AA 0.04	210338 s at	1AA 0.04
201920 0 2+	177 0 04	200706-2	177 0 04
204020_S_ac	1AA 0.04	209706_at	1AA 0.04
203685_at 204820_s_at 221951_at	1AA 0.04	210685_s_at	1AA 0.04
220711 <u>a</u> t	1AA 0.04	211433 x at	1AA 0.04
221220 s at	1AA 0.04	209722 s at	1 2 2 0 0 4
221220_s_at 221476_s_at 220964_s_at 220753_s_at	177 0 04	203722_5_ac	177 0.04
2214/6_S_at	IAA 0.04	21222/_x_at	1AA 0.04
220964_s_at	1AA 0.04	211951_at	1AA 0.04
220753 s at	1AA 0.04	210607 at	1AA 0.04
221985_at	1 2 2 0 0 4	210775 × at	1 3 3 0 0 4
221300_ac	177 0 04	200571	177 0.04
221218_s_at 220748_s_at 221867_at	IAA 0.04	2095/1_at	1AA 0.04
220748_s_at	1AA 0.04	210396_s at	1AA 0.04
221867 at	1AA 0.04	210774 s at	1AA 0.04
222010 at	122 0 04	211672 5 2+	177 0 04
222010_40	177 0 04	211072_3_ac	177 0.04
221249_s_at	IAA 0.04	211005_at	1AA 0.04
222290_at	1AA 0.04	212184 s at	1AA 0.04
221791 s at	1AA 0.04	210172 at	1AA 0.04
222010_at 221249_s_at 222290_at 221791_s_at 221601_s_at	122 0 04	211000 s at	177 0 04
221001_3_ac	177 0.04	211090_S_at	1AA 0.04
221427_s_at	1AA U.U4	20290/_s_at	IAA 0.04
221486_at	1AA 0.04	202394 s at	1AA 0.04
220731 s at	1AA 0.04	202325 s at	1AA 0.04
221486_at 220731_s_at 220757_s_at	122 0 04	202159_c_at	177 0 04
221293 s at	177 0.04	202130_S_at	1AA 0.04
221293_s_at	IAA 0.04	202524_s_at	IAA 0.04
220974_x_at 220703_at 222108_at	1AA 0.04	203078_at	1AA 0.04
220703 at	1AA 0.04	202777 at	1AA 0.04
222108 at	1AA 0 04	203124 s at	122 0 04
221558 s at	177 0 04	203124_3_ac	177 0.04
	IAA 0.04	202392_s_at	IAA 0.04
221230_s_at	1AA 0.04	202144_s_at	1AA 0.04
222021_x_at 220918_at	1AA 0.04	202379 s at	1AA 0.04
220918 at	1AA 0.04	203190 at	1 2 2 0 0 4
221829_s_at	177 0 04	203130_dt	177 0.04
221629_S_at	1AA 0.04	203169_at	IAA 0.04
220791_x_at	1AA 0.04	202646_s_at	1AA 0.04
221532 s at	1AA 0.04	202367 at	1AA 0.04
221532_s_at 211503_s_at	1AA 0.04	211023_at 209795_at 211883_x_at 211100_x_at 211824_x_at 210629_x_at 211710_x_at 210338_s_at 209706_at 210685_s_at 211433_x_at 209722_s_at 212227_x_at 211951_at 210607_at 210775_x_at 210775_x_at 209571_at 210396_s_at 210774_s_at 211072_s_at 211072_s_at 211090_s_at 212184_s_at 210172_at 211090_s_at 202394_s_at 202394_s_at 202394_s_at 202394_s_at 202394_s_at 202394_s_at 202394_s_at 202158_s_at 202158_s_at 202158_s_at 202158_s_at 202144_s_at 202777_at 203124_s_at 202144_s_at 202379_s_at 202144_s_at 202379_s_at 202144_s_at 202367_at 202646_s_at 202698_x_at 20216_s_at 20216_s_at 20216_s_at 20216_s_at 20216_s_at 20216_s_at 20216_s_at 20216_s_at 20216_s_at	122 0 04
211749 s at	177 0 04	202030_k_uc	177 0.04
<del></del>	1AA 0.04	203120_at	IAA 0.04
210128_s_at	IAA 0.04	202226_s_at	1AA 0.04
210190 at	1AA 0.04	202816 s at	1AA 0.04
209510 at	1AA 0.04	202725 at	1AA 0.04
210187 at	1AA 0.04	202836 s at	1AA 0.04
209899_s_at	1AA 0.04		1AA 0.04
210017_at	1AA 0.04	202592_at	1AA 0.04
211755_s_at	1AA 0.04	202689 <u>a</u> t	1AA 0.04
	1AA 0.04	202824 s at	
	1AA 0.04		
		202832_at	1AA 0.04
	1AA 0.04	202298_at	1AA 0.04
211983 x at	1AA 0.04	202581_at	1AA 0.04
	1AA 0.04	202518 <u>a</u> t	1AA 0.04
212249 at	1AA 0.04	203012_x_at	177 0 04
		203012_x_at	IAA U.U4
212061_at	1AA 0.04	202065 <u>s</u> at	1AA 0.04
210996 s_at	1AA 0.04	202556 s at	1AA 0.04
209778 at	1AA 0.04	203048 s at	1AA 0.04
	1AA 0.04		
210/00_S_dC	TUU 0.04	202201_at	1AA 0.04
	1AA 0.04	202579_x_at	1AA 0.04
211681_s_at	1AA 0.04	202844 s at	1AA 0.04
211378 x at	1AA 0.04	<del>-</del> -	1AA 0.04
210205_at	1AA 0.04	202244 at	
	1AA 0.04		
	1AA 0.04	202058_s_at	1AA 0.04
209474_s_at	1AA 0.04	202848_s_at	1AA 0.04
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202723 0 25	177 0 04	006101	
202723_s_at	1AA 0.04	206181_at	
202090_s_at	1AA 0.04	207334_s_at	1AA 0.04
202090_s_at 203203_s_at 202858_at	1AA 0.04	205041 <u> </u>	1AA 0.04
202858 at	1AA 0.04	205804 s at	
202596_at	177 0 04		
202330_at	1AA 0.04	205732_s_at	
202/36_s_at	IAA 0.04	205077 <u> </u>	1AA 0.04
202268 s at	1AA 0.04	205996 s at	
202505 at	1AA 0.04	204986 s at	
202092 8 3+	177 0 04		
202032_3_ac	1AA 0.04	207266_x_at	
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202031 s at	1AA 0.04	207843 <u> </u>	1AA 0.04
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202974 at	122 0 04	209203 - 2+	177 0.04
202071_46	177 0.04	209203_s_at	1AA 0.04
203023_at 202032_s_at 202810_at 203168_at 205395_s_at	1AA 0.04	208103_s_at	
202032_s_at	1AA 0.04	208078_s_at	1AA 0.04
202810_at	1AA 0.04	209197_at	1AA 0.04
203168 at	1AA 0.04	207460 at	1AA 0.04
205395 s at	1AA 0.04	207460_at 207688_s_at	122 0.01
205436_s_at	1 2 2 0 0 4	208948_s_at	100.04
207104 at	177 0.04		
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207104_x_at 205158_at 207283_at	1AA 0.04	208611_s_at 208713_at 209089_at	1AA 0.04
207283_at	1AA 0.04	208713 at	1AA 0.04
205861 at	1AA 0.04	209089 at	1AA 0.04
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203934_at	1AA 0.04	208826_x_at 209337_at	1AA 0.04
207419_s_at		209337_at	1AA 0.04
205039_s_at	1AA 0.04	208970 <u>s</u> at	1AA 0.04
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207001 x at	1 2 2 0 0 4	208858_s_at 208763_s_at	177 0.04
		200763_S_at	1AA 0.04
205184_at	1AA 0.04	208091 <u> </u>	
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207164_s_at 206722_s_at	1771 0.04	208296_x_at	1AA 0.04
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205382 s at	1AA 0.04	208398_s_at	1AA 0.04
206336 at	1AA 0.04	208707_at	1AA 0.04
207023 x at	1AA 0.04	208926 at	1AA 0.04
205446 s at	1AA 0.04		
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205788_s_at		208206_s_at	1AA 0.04
205238_at	1AA 0.04	208658_at	1AA 0.04
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205232 s at	1AA 0.04	207753 at	1AA 0.04
205803_s_at	1AA 0.04	208768_x at	
205074 at		200760_X_at	1AA 0.04
	1AA 0.04	209006_s_at	1AA 0.04
206676_at	1AA 0.04	209185_s_at	1AA 0.04
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205416 s at	1AA 0.04	200332_3_ac 207764_s_at	1AA 0.04
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		209127_s_at	1AA 0.04
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		200004_S_at	1AA 0.04

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200745 s at	1AA 0.04	201383 = a+	122 0 04
	1121 0.01	201303_3_ac	TAM 0.04
200818_at	1AA 0.04	201332 s at	1AA 0.04
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200011_ac	IMA 0.04	201937_at	1AA 0.04
200663_at 200607_s_at	1AA 0.04	201535 at	1AA 0.04
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200741 s at	177 0 04	201071	177 0 04
	IAA 0.04	2019/1_s_at	TAA 0.04
200840_at	1AA 0.04	201359 at	1AA 0.04
200500+	177 0 04	201303_40	177 0 0 1
200599_s_at 200829_x_at	IAA U.U4	201994_at	1AA 0.04
200829 x at	1AA 0.04	201441 at	1AA 0 04
00000	177 0 04	201111_00	1111 0.04
200626 <u>s</u> at	IAA 0.04	200882 s at	1AA 0.04
200051_at	1AA 0.04	201377 a+	122 0 04
	177 0 04	2015//_40	1111 0.04
200801_x_at	1AA 0.04	201519 at	1AA 0.04
200045 at	1AA O O4	201522 at	122 0 04
200045_at 200748_s_at	177 0 0 1	201322_x_ac	IAA 0.04
200748 s at	1AA 0.04	201553 s at	1AA 0.04
200767 s at	122 0.04	201513 a+	1000 441
	1711 0.04	201313_at	IMM 0.04
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200043_3_4	IAM 0.04	. 201400_at	IAA 0.04
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200718 s at	1 2 2 0 0 4	201490 2+	177 0 04
	IAA 0.04	201490_S_at	1AA 0.04
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200813_s_at	122 0 04	200972-2+	177 0 04
200015_5_ac	IAA 0.04	200072_ac	IAA 0.04
200668_s_at	1AA 0.04	213504 at	1AA 0.04
200815_s_at	122 0 04	204405 - 2+	177 0 04
200013_3_4	1777 0.04	204403_x_ac	IAA 0.04
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200091_s_at	122 0 04	227276-2+	177 0 04
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201018 at	1AA 0.04	208759 at	1AA 0.04
201119_s_at	122 0 04	219927 2 2+	177 0 04
201113_3_40	IAA 0.04	210927_S_at	IAA 0.04
201307_at 201288_at 201742_x_at	1AA 0.04	222790 s at	1AA 0.04
201288 at	122 0 04	203429 5 2+	177 0 04
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201/42_x_at	1AA 0.04	219169 s at	1AA 0.04
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201165_s_at	1AA 0.04	35254 at	1AA 0.04
201707 at	1AA 0.04	201731 s at	122 0 04
201165_s_at 201707_at 200900_s_at	177 0 04	201008_s_at 201683_x_at 20127_s_at 201227_s_at 201256_at 201332_s_at 201332_s_at 201957_at 201535_at 201507_at 201329_s_at 201971_s_at 201359_at 201994_at 201441_at 200882_s_at 201577_at 201519_at 201553_s_at 201573_s_at 201573_s_at 201573_s_at 201486_at 201337_s_at 201490_s_at 201490_s_at 201490_s_at 201490_s_at 201490_s_at 201490_s_at 201490_s_at 201393_s_at 201490_s_at 201490_s_at 201393_s_at 201490_s_at 201490_s_at 201393_s_at 201490_s_at 201490_s_at 201490_s_at 201490_s_at 201490_s_at 201790_s_at 201791_s_at 201790_s_at 201790_s_at 201791_s_at 201	IAA 0.04
200900_s_at	1AA 0.04	1552320 a at	1AA 0.04
201305_x_at	1AA 0.04	205518 s at	122 0 04
201720	177 0 04	200010_5_46	1711 0.04
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201874 at	1AA 0.04	200723 s at	1AA 0.04
201160 s at	177 0 04	200723_5_4	0.01
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201152 s at	1AA 0.04	224049 at	1AA 0.04
201306_s_at	1AA 0.04		1AA 0.04
201922 at	1AA 0.04	202138 x at	1AA 0.04
201637 s at			
	1AA 0.04		1AA 0.04
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201237_at	1AA 0.04		1AA 0.04
201646_at	1AA 0.04	200000 s at	1AA 0.04
200989_at	1AA 0.04		1AA 0.04
200921 s at	1AA 0.04		1AA 0.04
201656_at	1AA 0.04		1AA 0.04
201230 s at	1AA 0.04	207081 s at	1AA 0.04
201017_at	1AA 0.04	210658_s_at	1AA 0.04
201665 x at	1AA 0.04		1AA 0.04
200958 s at			
	1AA 0.04	216295_s_at	1AA 0.04
201013 s at	1AA 0.04	203347 s at	1AA 0.04
201678_s_at	1AA 0.04		1AA 0.04
200912 s at	1AA 0.04	201400 at	1AA 0.04
201682 at			
	1AA 0.04		1AA 0.04
201771 at	1AA 0.04	213004 at	1AA 0.04
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201343 at	1 A A	0.04	201921_at	122 0.04
204568 at	1 A A	0.04	203913 s at	122 0.01
218805 at	1 A A	0 04	218946 at	122 0.04
205548 s at	1 A A	0.04 0.04	218285 s at	122 0.04
227259 at	1 A A	0.04	208749 v at	177 0.04
204588 s at	1 2 2	0.04	212202 a at	1AA 0.04
212610 at	177	0.04	212202_S_at	1AA 0.04
1552976 a+	17/7	0.04	202197_at	1AA 0.04
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213009_S_at	1 7 7	0.04	204481_at	1AA 0.04
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218435_at	1AA	0.04	212266_s_at	1AA 0.04
21/936_at	IAA	0.04	229686_at	1AA 0.04
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78047_s_at	IAA	0.04	201651_s_at	1AA 0.04
221495_s_at	IAA	0.04	222537_s_at	1AA 0.04
212255_s_at	IAA	0.04	222881_at	1AB 5.9e-06
201833_at	1AA	0.04	209795_at	1AB 3.4e-05
201963_at	1AA	0.04	225005_at	1AB 3.99e-05
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207605_x_at	1AA	0.04	222412_s_at	1AB 9.72e-05
211953_s_at	1AA	0.04	210889_s_at	1AB 1.3e-04
218473_s_at	1AA	0.04	219312_s_at	1AB 1.37e-04
209943_at	1AA	0.04	205349 <u>-</u> at	1AB 1.37e-04
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235241_at	1AA	0.04	209625_at	1AB 2.15e-04
202760_s_at	1AA	0.04	203769_s_at	1AB 2.69e-04
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217781_s_at	1AA	0.04	206039_at	1AB 3.47e-04
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200842_s_at	1AA	0.04	208960_s_at	1AB 7.8e-04
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217802_s_at		0.04	201695_s_at	1AB 1.103947e-03
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203603 s at		0.04	226053 at	1AB 1.322951e 03
218797 s at		0.04	224602 at	1AB 1.322951e-03
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226987_at
              1AB 1.322951e-03
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                                                        1AB 1.322951e-03
225489 at
                                          201625 s at
              1AB 1.322951e-03
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226452 at
                                          226001 at
              1AB 1.322951e-03
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225252 at
              1AB 1.322951e-03
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224504 s at
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227960_s_at
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                                          219892 at
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204159 at
              1AB 1.322951e-03
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235089 at	1AB 0.02	202224 at	1AB 0.02
44563 at	1AB 0.02	202704 at	1AR 0 02
222000+	170 0.02	202704_40	170 0.02
233080_s_at	TAB 0.02	2026/5_at	IAB 0.02
219449_s_at	1AB 0.02	202672_s at	1AB 0.02
219444 at	1AB 0.02	202650 s at	1AB 0.02
210217 2+	1AB 0 02	202000_5_45	170 0.02
21931/_at	IAB 0.02	203199_s_at	TAB 0.02
219966_x_at	1AB 0.02	202081 at	1AB 0.02
219854 at	1AB 0.02	202523 s at	1AB 0.02
220035 at	1 A B O O O 2	202807 8 2+	175 0 02
220033_ac	1AD 0.02	202007_S_ac	1AD 0.02
220319_s_at	TAB 0.02	202061_s_at	IAB 0.02
219577 s at	1AB 0.02	202905 x at	1AB 0.02
220066 at	1AB 0.02	203247 s at	1AR 0 02
212727 25	170 0.02	203247_5_40	1710 0.02
212/3/_at	IAB 0.02	202/94_ac	IAB 0.02
213518_at	1AB 0.02	203026_at	1AB 0.02
213795 s at	1AB 0.02	202388 at	1AB 0.02
212966 at	1AB 0 02	202995 s at	1AR 0 02
212104	170 0.02	202333_5_40	170 0.02
213104_at	IAB 0.02	202360_at	TAB 0.02
212458_at	1AB 0.02	206729_at	1AB 0.02
212919 at	1AB 0.02	205741 s at	1AB 0.02
217750 s at	1AB 0 02	206364 at	1AR 0 02
217400	1710 0.02	200304_45	1AD 0.02
21/499_x_at	IAB 0.02	206983_at	TAB 0.02
217731_s_at	1AB 0.02	206257_at	1AB 0.02
217842 at	1AB 0.02	207038 at	1AB 0.02
217840 at	1AB 0 02	207300 s at	1AR 0 02
217010_at	1AD -0 02	207300_3_ac	170 0.02
21/019_at	IAB 0.02	205059_s_at	TAB 0.02
218319_at	1AB 0.02	206546_at	1AB 0.02
204538 x at	1AB 0.02	206170 at	1AB 0.02
204401 at	1AB 0 02	206472 8 at	1 A B 0 02
201702_40	170 0.02	200472_3_ac	1AD 0.02
204700_x_ac	IAB 0.02	205096_at	TAB 0.02
204103_at	1AB 0.02	205192_at	1AB 0.02
203344 s at	1AB 0.02	205338 s at	1AB 0.02
204335 at	1AB 0.02	208663 s at	1AB 0 02
201759 at	170 0.02	200003_5_4	170 0.02
204739_ac	1AB 0.02	209169_at	IAB 0.02
203651_at	IAB 0.02	207674_at	1AB 0.02
203643 at	1AB 0.02	209002 s at	1AB 0.02
204447 at	1AB 0.02	207719 x at	1AB 0.02
222444 at	1AB 0 02	200034 2#	17D 0.02
222444_ac	1AD 0.02	209034_at	1AB 0.02
222631_at	1AB 0.02	208309_s_at	IAB 0.02
221478_at	1AB 0.02	208649 s at	1AB 0.02
222747 s at	1AB 0.02	200033 at	1AB 0.02
223042 s at	1AB 0.02	200054 at	1 A B O O 2
223042_5_40	170 0.02	200054_ac	1AD 0.02
222643_at	IAB 0.02	200/91_s_at	TAB 0.02
221737_at	1AB 0.02	200047_s_at	1AB 0.02
223159 s at	1AB 0.02	200759_x_at	1AB 0.02
222984 at	1AB 0.02	200737 at	1AB 0.02
223097 at		200737_dt 200017_at	1AB 0.02
223380_s_at		200779_at	
223092_at 222555 s at	1AB 0.02	201990_s_at	1AB 0.02
222555 s at	1AB 0.02	201222 s at	1AB 0.02
221460 at	1AR 0 02	201577 at	1AB 0.02
222523_at		201260_s_at	
220558_x_at	1AB 0.02	201250_s_at	1AB 0.02
211530 x at	1AB 0.02	201154 x at	1AB 0.02
209882 at	1AB 0.02	201804 x at	1AB 0.02
	1AB 0.02		
		201772_at	1AB 0.02
211969_at		201450_s_at	1AB 0.02
211783 s at	1AB 0.02	214696 at	1AB 0.02
	1AB 0.02	223482 a+	1AB 0.02
200604 = -1		223482_at	
	1AB 0.02	226901 at	1AB 0.02
	1AB 0.02	228176_at	1AB 0.02
210387 at	1AB 0.02	220768 s at	
		212130 x at	1AB 0.02
200000	1AB 0.02 1AB 0.02		
209808_x_at	TAB U.UZ	228087_at	1AB 0.02
203116_s_at	1AB 0.02	218628_at	1AB 0.02
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215838_at	1AB 0.02	217618 x at	1AB 0.03
218284_at	1AB 0.02	210233 at	1AB 0.03
117_at	1AB 0.02	200089 s at	175 0.03
205239 a+	178 0.03	200003_3_ac	170 0.03
205239_at 226952_at 211745_x_at	170 0.03	209001_S_at	1AB 0.03
220932_at	1AB 0.03	20/435_s_at	1AB 0.03
211/45_x_at	1AB 0.03	224790_at	1AB 0.03
216347_s_at	1AB 0.03	200078 s at	1AB 0.03
209057 x at	1AB 0.03	206272 at	1AB 0.03
201392 <u>s</u> at	1AB 0.03	223002 s at	1AB 0 03
204038 s at	1AB 0 03	242028 2+	170 0.03
204038_s_at 210004_at	170 0.03	242020_at	1AB 0.03
210004_at	1AD 0.03	209609_s_at	TAB 0.03
212076_at	IAB 0.03	201439_at	1AB 0.03
203189_s_at	1AB 0.03	202483_s_at	1AB 0.03
202197_at	1AB 0.03	203060_s_at	1AB 0.03
38158_at	1AB 0.03	224377 s at	1AB 0.04
203189_s_at 202197_at 38158_at 225299_at	1AB 0.03	209398 at	1AB 0.04
204403_x_at	1AB 0.03	243508 at	1AB 0 04
208799 <u>at</u>	1AB 0 03	212681 2+	170 0.01
201917 s at	1AB 0.03	2001_0	1AD 0.04
201517_3_at	170 0.00	209130_S_at	1AB 0.04
201917_s_at 204577_s_at 218627_at	1AD 0.03	20261/_s_at	IAB 0.04
21862/_at	1AB 0.03	220046_s_at	1AB 0.04
201632_at	1AB 0.03	203434_s_at	1AB 0.04
225957_at	1AB 0.03	227442 at	1AB 0.04
205288_at	1AB 0.03	205245 at	1AB 0.04
201632_at 201632_at 225957_at 205288_at 224607_s_at	1AB 0.03	204710 s at	1AB 0.04
203554 x at	1AB 0.03	212329 at	1AB 0 04
215708_s_at	1AB 0.03	202957 at	171D 0.04
238465_at	1719 0.03	202337_ac	1AD 0.04
AFFX-HUMISGF	TWD 0.02	220193_at	1AB 0.04
	JA/	209421_at	IAB 0.04
M9793	1AB 0.03	224846_at	1AB 0.04
20382/_at	IAB 0.03	215299_x_at	1AB 0.04
203351_s_at	1AB 0.03	200885_at	1AB 0.04
203827_at 203351_s_at 203152_at	1AB 0.03	217618_x_at 210233_at 200089_s_at 209881_s_at 207435_s_at 224790_at 200078_s_at 224790_at 200078_s_at 223002_s_at 242028_at 209609_s_at 201439_at 201439_at 202483_s_at 203360_s_at 224377_s_at 229398_at 201439_at 201930_s_at 201910_s_at 2019	1AB 0.04
215938 s at	1AB 0.03	229251 s at	1AB 0.04
200070_at 236140_at 205255_x_at 220123_at	1AB 0.03	209732 at	1AB 0.04
236140 at	1AB 0.03	205682 x at	1AB 0.04
205255 x at	1AB 0.03	212267 at	1AB 0 04
220123 at	1AB 0.03	202443 v at	1710 0.04
225995_x_at 218103_at 208630_at	178 0.03	20213_1_ac	1AD 0.04
218103 at	170 0.03	39313_at	1AB 0.04
210105_at	1AD 0.03	200448_at	1AB 0.04
200030_at	1AB 0.03	21/5/6_x_at	1AB 0.04
208920_at	1AB 0.03	225659_at	1AB 0.04
203667_at	1AB 0.03	219799_s_at	1AB 0.04
222741_s_at 204520_x_at	1AB 0.03	213607_x_at	1AB 0.04
204520_x_at	1AB 0.03	205398 s_at	1AB 0.04
216262 s at	1AB 0.03	213301 x at	
220366 at	1AB 0.03	215990 s at	
208610_s_at		223474 at	
208707 at	1AB 0.03	212271_at	1AB 0.04
208707_at 201863_at	1715 0.03	· 2122/1_ac	1AD 0.04
202912 at	170 0.03	219731_at 222774_s_at	1AB 0.04
218476_at	IAB 0.03	225247_at	
203031_s_at 37425_g_at	1AB 0.03	209702_at	1AB 0.04
37425_g_at	1AB 0.03	224983_at	1AB 0.04
224965_at	1AB 0.03	210236 at	1AB 0.04
225904_at	1AB 0.03	201066 at	1AB 0.04
AFFX-HUMISGF		224656 s at	1AB 0.04
M9793	1AB 0.03	225819_at	1AB 0.04
222447_at	1AB 0 03		1AB 0.04 1AB 0.04
201697 s at	175 0.03	214945_at	
		203408_s_at	1AB 0.04
201401_s_at		204923_at	1AB 0.04
212587_s_at	TAB 0.03	223085_at	
220702_at	1AB 0.03	210109_at	1AB 0.04
202167_s_at	1AB 0.03	227651_at	1AB 0.04
		<del></del>	

215346 at	1AB 0.04	209667 at	1AD 7.080883e-03
223297 at	1AB 0 04	206177_s at	
206710 8 2+	170 0.01	210243	
200710_5_at	1AD 0.04	219243_at	
225800_at	IAB 0.04	1553551_s_at	1AD 7.323717e-03
223431_at	1AB 0.04	219291_at	1AD 7.35215e-03
227029_at	1AB 0.04	209458_x_at	1AD 7.515264e-03
204012 s at	1AB 0.04	214318_s_at	1AD 7.565797e-03
202736 s at	1AB 0.04	1552798 3 3+	1AD 7.565797e-03
223040 at	1AB 0 04	203800 s at	
210102	1AD 0.04	203600_S_at	1AD 7.808725e-03
210123_at	1AB 0.04	202631_s_at	
20951/_s_at	IAB 0.04	206527_at	1AD 7.942203e-03
218494_s_at	1AB 0.04	203258 at	1AD 7.944606e-03
202548 s at	1AB 0.04	41329 at	1AD 8.058588e-03
203177 x at	1AB 0.04	$20280\overline{3}$ s at	1AD 8.058588e-03 1AD 8.265706e-03
217943 s at	1AB 0.04	201161_s_at	1AD 8.281239e-03
202145 at	1AB 0 04	218164 at	1AD 8.527444e-03
210237 0 2+	170 0.04	210104_at	
219237_S_at	1AB 0.04	209168_at	1AD 8.875988e-03
218490_s_at	1AB 0.04	207780_at 209057_x at	1AD 8.920889e-03
214252_s_at	1AB 0.04	209057_x_at	1AD 8.979227e-03
222641_s_at	1AB 0.04	222842 <u>a</u> t	1AD 9.50935e-03
222830 at	1AB 0.04	155317 <del>6</del> at	1AD 9.614068e-03
211282 x at	1AB 0.04	206214 at	1AD 9.70776e-03
211833 s at	1AB 0.04	220187 at	1AD 0 01
209152 s at	1AB 0 04	219570 at	170 0.01
202117_a+	1AB 0.04	213370_ac	1AD 0.01
217007 - 2+	1AB 0.04	222842_at 1553176_at 206214_at 220187_at 219570_at 212055_at 206208_at 206364_at 206364_at	1AD 0.01
21/03/_S_at	IAD 0.04	206208_at	IAD 0.01
206042_x_at	1AB 0.04	206564_at	IAD 0.01
205281_s_at	1AB 0.04	206364_at	1AD 0.01
220684_at	1AB 0.04	217427_s_at	IND U.UI
231999_at	1AB 0.04	209724_s_at	1AD 0.01
201040_at	1AB 0.04	203200 s at	1AD 0.01
201182_s_at	1AB 0.04	220250_at	1AD 0.01
224829 at	1AB 0.04	210839 <u>_</u> s_at	1AD 0.01
222561 at	1AD 4.23e-04 1AD 1.204172e-03	237730_at	1AD 0.01
218789 s at	1AD 1.204172e-03	201618 x at	1AD 0.01
224623 at	1AD 1.263494e-03	219895_at	1AD 0.01
	1AD 1.887745e-03	205114_s_at	1AD 0.01
204835 at	17D 1 0164320-03	203114_5_ac	
204033_at	1AD 1 040370- 03	204963_at	1AD 0.01
224172_at	1AD 1.9483/9e-03	228800_x_at 219854_at 236711_at	IAD 0.01
208488_s_at	IAD 2.31/36/e-03	219854_at	1AD 0.01
21/414_x_at	1AD 1.916432e-03 1AD 1.948379e-03 1AD 2.317367e-03 1AD 2.903781e-03 1AD 3.051313e-03	236711_at	1AD 0.01
227699 <u>_</u> at	1AD 3.051313e-03	238701_x_at	1AD 0.01
203435_s_at	IAD 3.539414e-03	1553538_s_at	1AD 0.01
206207_at	1AD 3.697751e-03	232103 at	1AD 0.01
204218 at	1AD 3.87681e-03	204840 s at	1AD 0.01
235410 at	1AD 3.994324e-03	1568594 s at	
206247 at	1AD 3.994324e-03	228039 at	1AD 0.01
155357 <del>5</del> at	1AD 3.994324e-03	220465 at	1AD 0.01
223491 at	1AD 4.088627e-03	218734 at	
220961 s at			1AD 0.01
	1AD 4.19174e-03	209253_at	1AD 0.01
216252_x_at	1AD 5.022892e-03	209723_at	1AD 0.01
204616_at	1AD 5.022892e-03	1553417_at	1AD 0.01
231809_x_at	1AD 5.448926e-03	230242_at	1AD 0.01
209116_x_at	1AD 5.455408e-03	209233_at	1AD 0.01
211745_x_at	1AD 5.666952e-03	208216 at	1AD 0.01
211696 x at	1AD 5.879931e-03	200832 s at	1AD 0.01
209375 at	1AD 6.007262e-03	208478 s at	1AD 0.01
218257 s at	1AD 6.154118e-03	226443 at	1AD 0.01
218897 at	1AD 6.488899e-03	218405 at	1AD 0.01
204018 x at	1AD 6.619326e-03	<del>-</del>	
205701 at		207986_x_at	1AD 0.01
_	1AD 6.723515e-03	210220_at	1AD 0.01
203933_at	1AD 6.741814e-03	244193_at	1AD 0.01
217232_x_at	1AD 7.050626e-03	221778_at	1AD 0.01
220691_at	1AD 7.05957e-03	225358_at	1AD 0.01

207876 s at	120 0	0.01	220205 0 0+	170 0 02
207876_s_at	170 0	0.01	233203_S_at	1AD 0.02
220044_x_ac	1AD 0	0.01	21130/_s_at	IAD 0.02
226544_x_at 233191_at 230012_at	IAD 0	7.01	214414_x_at	1AD 0.02
230012_at	IAD 0	0.01	1552485_at	1AD 0.02
218949_s_at	1AD 0	0.01	235208_at	1AD 0.02
218949_s_at 221680_s_at 206120_at 207445_s_at 1553644_at	1AD 0	0.01	242140 at	1AD 0.02
206120 at	1AD 0	0.01	218643 s at	1AD 0.02
207445 s at	1AD 0	0.01	219297 at	1AD 0.02
1553644 at	1AD 0	.01	212794 s at	1AD 0 02
215990 s at	1AD 0	01	217877 s at	170 0.02
239380 at	120 0	01	201661 a at	170 0.02
226052 2+	170 0	01	201001_S_at	1AD 0.02
1553644_at 215990_s_at 239380_at 226952_at 218622_at 212964_at 206308_at 205667_at 229082_at 202137_s_at	1AD 0	. 01	21/14/_s_at	1AD 0.02
218622_at	IAD U	.01	217144_at	1AD 0.02
212964_at	IAD 0	.01	216933_x_at	1AD 0.02
206308_at	1AD 0	.01	223903_at	1AD 0.02
205667_at	1AD 0	.01	225550_at	1AD 0.02
229082_at	1AD 0	.01	217618 x at	1AD 0.02
202137_s_at	1AD 0	.01	221195 at	1AD 0.02
ZZJOOJ J UL	TAD 0	.01	209615 s at	1AD 0.02
241408_at	1AD 0	.01	243042 at	1AD 0.02
$208917^{-}$ x at	1AD 0	. 01	235435 at	140 0.02
208917_x_at 1555214_a_at	1AD 0	01	201111 2+	170 0.02
201044 x at	1710 0	01	201111_at	1AD 0.02
		.01	220399_at	1AD 0.02
214039_s_at	1AD 0	.01	203205_at	IAD 0.02
222201_s_at 244752_at 1552876_at	IAD 0	.02	210128_s_at	1AD 0.02
244/52_at	1AD 0	.02	22 <b>4</b> 671_at	1AD 0.02
1552876_at	1AD 0	.02	218144_s_at	1AD 0.02
201678_s_at	1AD 0	.02	205420_at	1AD 0.02
227658_s_at	1AD 0	.02	220596 at	1AD 0.02
203512_at	1AD 0	.02	1557465 at	1AD 0.02
$155563\overline{4}$ a at	1AD 0	.02	231806 s at	1AD 0.02
207234_at		.02	204408 at	1AD 0.02
201565 s at	1AD 0	.02	235154 at	1AD 0.02
201565_s_at 218710_at 234995_at	1AD 0	.02	215690 v at	140 0.02
234995 at	1AD 0	02	213030_x_ac	1AD 0.02
204599_s_at	120 0	0.01 0.02 0.02	209702_ac	1AD 0.02
		02	204131_x_at	1AD 0.02
222489_s_at	170 0	.02	22/402_s_at	1AD 0.02
215616_s_at 215336_at	1AD 0	.02	2010/2_s_at	IAD 0.03
215336_at	IAD U	.02	218327_s_at	1AD 0.03
204030_s_at		.02	202283_at	1AD 0.03
1564521_x_at		.02	204542_at	1AD 0.03
218363_at		.02	1568658_at	1AD 0.03
214266_s_at	1AD 0	.02	200633_at	1AD 0.03
223709_s_at	1AD 0	.02	209275 s at	1AD 0.03
218479 s at	1AD 0	.02	241720 at	1AD 0.03
228009 x at	1AD 0	.02	213528_at	1AD 0.03
243661 at	1AD 0		224048 at	1AD 0.03
201695 s at	1AD 0		$1563863 \times at$	
213659 at	1AD 0		206545 at	1AD 0.03
218198 at	1AD 0		203084 at	1AD 0.03
1553974 at	1AD 0			
228578 at	1AD 0		1557170_at	1AD 0.03
<del></del>			224693_at	1AD 0.03
219994_at	1AD 0			1AD 0.03
218978_s_at	1AD 0		215977_x_at	1AD 0.03
219275_at	1AD 0		203434_s_at	1AD 0.03
206470_at	1AD 0	.02	224667_x_at	1AD 0.03
	1AD 0	.02	206181_at	1AD 0.03
219968_at	1AD 0		216282 x at	1AD 0.03
235007 <u>a</u> t	1AD 0		218771 at	1AD 0.03
204642 at	1AD 0		213954 at	1AD 0.03
217027 x at	1AD 0		218729 at	1AD 0.03
204544 at	1AD 0		226099 at	1AD 0.03
<del>-</del>	1AD 0		227352 at	
227057 at	1AD 0			1AD 0.03
-2,001_aL	TWD 0	. 02	219257_s_at	1AD 0.03

010000					
218297_at	1AD	0.03	219512 at	1AD	0.04
220992 s at	1AD	0.03	205423 at	1AD	0.04
200659 = 3+	170	0.03	210700+	170	0.01
200035_5_ac	170	0.03	210/00_S_at	TAD	0.04
230810_at	IAD	0.03	219108_x_at	1AD	0.04
220696 at	1AD	0.03	204461 x at	1AD	0.04
1553165 at	1 A D	0.03	1553940 3 3+	1 7 0	0.04
227020 ==	170	0.03	100000 _a_ac	IAD	0.04
22/920_at	IAD	0.03	203079_s_at	1AD	0.04
228698_at	1AD	0.03	218544 s at	1AD	0.04
220082 at	1AD	0.03	206218 at	ח ב ר	0.04
202594 2+	170	0.03	207550	170	0.04
202394_at	IAD	0.03	207559_s_at	TAD	0.04
201228_s_at	1AD	0.03	225948_at	1AD	0.04
219472 at	1AD	0.03	209853 s at	1AD	0.04
203406 at	1 2 D	0 03	226669 2#	1 7 0	0.04
204003+	170	0.03	220009_ac	IAD	0.04
204003_S_at	IAD	0.03	219813_at	IAD	0.04
212894_at	1AD	0.03	49679 s at	1AD	0.04
204270 at	1AD	0.03	212204 at	1 A D	$\cap$ $\cap A$
218855 2+	170	0.03	40117	1710	0.04
210055_ac	170	0.03	4011/_at	IAD	0.04
220953_s_at	1AD	0.03	210069_at	1AD	0.04
205179 s at	1AD	0.03	205484 at	1AD	0.04
242520 s at	1AD	0.03	230518 a+	1 7 0	0.04
1552625 2 2+	170	0.03	200010_ac	170	0.04
1332625_a_ac	IAD	0.03	202984_s_at	TAD	0.04
212655_at	1AD	0.03 0.03	208882 s at	1AD	0.04
220558 x at	1AD	0.03	206157 at	1AD	0.04
213998 s at	1 A D	0.03	224534_at	170	0.01
213330_5_ac	170	0.03	224534_at	TAD	0.04
224851_at	IAD	0.03	244190_at	1AD	0.04
201868_s_at	1AD	0.03	215909 x at	1AD	0.04
207812 s at	1AD	0.03	205955 at	1 A D	0 04
206666 at	1 A D	0.03	203335_46	1210	0.04
200000_at	TWD	0.03	207495_at	TAD	0.04
223861_at	IAD	0.03	219027_s_at	1AD	0.04
225737 s at	1AD	0.03	207085_x_at 1562619_at 235653_s_at	1AD	0.04
$155228\overline{3}$ s at	1AD	0.03	1562619 at	1 2 0	0 04
213180 8 3+	170	0.03	235652	170	0.04
213100_S_ac	IMD	0.03	235653_S_at	IAD	0.04
224448_s_at	1AD	0.03	213092_x_at	1AD	0.04
223894 s at	1AD	0.03	221985_at	1AD	0.04
203575 at	1AD	0.03	219330 at	ח מ	0 04
1554450 s at	1 7\ D	0.03	219330_at 211212_s_at	170	0.04
1334430_S_aC	IAD	0.03	211212_s_at	TAD	0.04
220148_at	1AD	0.04	231270_at	1AD	0.04
227819 at	1AD	0.04	212249_at	1AD	0.04
223328 at	1 A D	0 04	223193 9 2+	1 7 0	0.01
223320_ac	170	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.04 0.04 0.04 0.04 0.04 0.04 0.04	223193_x_at 222737_s_at	IAD	0.04
224221_S_at	TAD	0.04	222/3/_s_at	IAD	0.04
226996_at	1AD	0.04	203916 at	1AD	0.04
225019 at	1AD	0.04	201414_s_at	1AD	0.04
235626 at	ח מ 1	0.04	211594_s_at	1 7 0	0.04
		0.01	211374_3_40		
218491_s_at		0.04	202667_s_at		0.04
217864_s_at	1AD	0.04	223176 at	1AD	0.04
217928 s at	1AD	0.04	208598 s at	1AD	0.04
203725 at		0.04	213428 s at		
221832_s_at		0.04	217813_s_at	TAD	0.04
202811_at	1AD	0.04	219073 s at	1AE	1.59e-05
201885_s_at	1AD	0.04	208719 s at		
222794 x at		0.04	208151 x at		
226820_at		0.04	210347_s_at	1AE	8.02e-05
232014_at	1AD	0.04	$207131 \times at$	1AE	1.16e-04
220966 x at	1AD	0.04	203857 s at		2.42e-04
201943_s_at			<b>— —</b>		
		0.04	213122_at		2.54e-04
201551_s_at		0.04	201426_s_at	1AE	2.99e-04
222522 x at	1AD	0.04			3.17e-04
223533 at		0.04	203169 at		4.04e-04
205804_s_at		0.04	209043 <u>a</u> t		5.12e-04
231837_at	1AD	0.04	211356 x at	1AE	5.83e-04
212529 at	1AD	0.04	221216 s at		6.39e-04
209131 s at		0.04			
			239412_at		7.02e-04
217868_s_at		0.04	1007_s_at	1AE	7.06e-04
214937_x_at	1AD	0.04	2089 <u>1</u> 4_at	1AE	7.22e-04

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226078_at
              1AE 8.98e-04
                                          200998 s at
                                                       1AE 6.55418e-03
211417 x at
                                          206565_x_at
              1AE 9.53e-04
                                                       1AE 6.560102e-03
222955 s at
              1AE 1.142663e-03
                                          227213_at
                                                       1AE 6.602656e-03
223217_s_at
203642_s_at
              1AE 1.175873e-03
                                          211537_x_at
                                                       1AE 6.620416e-03
              1AE 1.372267e-03
                                          227899 at
                                                       1AE 6.710071e-03
205049_s_at
             1AE 1.922611e-03
                                          208284 x at
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224472_x_at
                                          218722 s at
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203707_at
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                                          212190 at
                                                       1AE 6.889026e-03
225673_at
              1AE 2.240635e-03
                                          217936 at
                                                       1AE 7.147387e-03
222146 s at
             1AE 2.249303e-03
                                          219870 at
                                                       1AE 7.241447e-03
205267_at
              1AE 2.268981e-03
                                          230489 at
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222624_s_at
             1AE 2.310276e-03
                                          208767 s at
                                                       1AE 7.318909e-03
210220 at
             1AE 2.333083e-03
                                          212541 at
                                                       1AE 7.331381e-03
233563 s at
             1AE 2.342062e-03
                                          202500 at
                                                       1AE 7.371199e-03
223647 x at
             1AE 2.667189e-03
                                          200942_s_at
                                                       1AE 7.538283e-03
200028_s_at
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                                                       1AE 7.874571e-03
1555779 a at 1AE 2.762121e-03
                                          211997_x_at
                                                       1AE 8.18203e-03
224920 x at
                                          203945 at
             1AE 2.937961e-03
                                                       1AE 8.2639e-03
206261 at
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225869 s at
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                                                       1AE 8.915356e-03
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221790 s at
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228050 at
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217975 at
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221804 s at
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202016 at
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215716_s_at
             1AE 6.29515e-03
                                         202924_s_at
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204713 s at
             1AE 6.29515e-03
                                         202333_s_at
                                                       1AE 0.01
203580 s at
             1AE 6.29515e-03
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202757 at
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                                                       1AE 0.01
                                         223436_s_at
209137_s_at
             1AE 6.29515e-03
                                         209919_x_at
                                                       1AE 0.01
1555950 a at 1AE 6.29515e-03
                                         211416_x_at
                                                       1AE 0.01
221234_s_at
             1AE 6.299779e-03
                                         203936_s_at
                                                       1AE 0.01
213730_x_at
             1AE 6.303614e-03
                                         202640 s at
                                                       1AE 0.01
219497_s_at
             1AE 6.429454e-03
                                         231779 at
                                                       1AE 0.01
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200783_s_at 204225_at 228424_at 212589_at 217907_at 204432_at 204340_at 235085_at 228993_s_at 37232_at 218658_s_at 202199_s_at 219634_at 218276_s_at	1AE 0.01	219549 s_at 12 225074 at 12 224367 at 12 225030 at 12 225137 at 12 38398 at 12 219700 at 12 219294 at 12 224965 at 12 209318 x_at 12 209318 x_at 12 207135 at 12 207135 at 12 207968 at 12 2079211 at 12 20371 at 12 20371 at 12 20371 at 12 20465 s_at 12 201658 s_at 12 206158 s_at 12 206158 s_at 12 218997 x_at 12 23177 s_at 12 2216997 x_at 12 221473 x_a	AE 0.01
204225 at	1AE 0.01	225074 at 12	AE 0.01
228424 at	1AE 0.01	224367 at 17	AE 0.01
212589 at	1AE 0.01	225030 at 12	AE 0.01
217907 at	1AE 0.01	225137 at 12	AE 0.01
204432 at	1AE 0.01	38398 at 12	AE 0.01
204340 at	1AE 0.01	219700 at 12	AE 0.01
235085 at	1AE 0.01	219294 at 12	AE 0.01
228993 s at	1AE 0.01	224965 at 17	AE 0.01
37232 at	1AE 0.01	218372 at 12	AE 0.01
$21865\overline{8} \text{ s at}$	1AE 0.01	209318 x at 12	AE 0.01
202199 s at	1AE 0.01	227236 at 12	AE 0.01
219634 at	1AE 0.01	206028 s at 12	AE 0.01
218276_s_at	1AE 0.01	207135 at 12	AE 0.01
219634_at 218276_s_at 202618_s_at 1553542_at 208897_s_at 209338_at 204369_at 217216_x_at 218897_at 233072_at	1AE 0.01	227968 at 12	AE 0.01
1553542_at	1AE 0.01	209211 at 12	AE 0.01
208897_s_at	1AE 0.01	202371 at 12	AE 0.01
209338_at	1AE 0.01	207815 at 12	AE 0.01
204369_at	1AE 0.01	206158_s_at 12	Æ 0.01
217216_x_at	1AE 0.01	216997_x_at 12	AE 0.01
218897_at	1AE 0.01	233177_s_at 12	AE 0.01
233072_at	1AE 0.01	220162 <u>s</u> at 12	AE 0.01
201310_s_at 224865_at 224886_at 233746_x_at 228336_at	1AE 0.01	211864_s_at 12	AE 0.01
224865_at	1AE 0.01	221473_x_at 12	Æ 0.01
224886_at	1AE 0.01	218938_at 17	Æ 0.01
233746_x_at	1AE 0.01	228570_at 12	Æ 0.02
228336_at	1AE 0.01	204327_s_at 12	Æ 0.02
229723_at	1AE 0.01	228005_at 12	AE 0.02
218725_at	1AE 0.01	202388_at 11	Æ 0.02
229723_at 218725_at 219767_s_at 220001_at	1AE 0.01	209015_s_at 1	Æ 0.02
220001_at	1AE 0.01	242247_at 11	Æ 0.02
214290_s_at	1AE 0.01	202245_at 11	λE 0.02
213998_s_at 214606_at 214590_s_at	1AE 0.01	214039_s_at 12	Æ 0.02
214606_at	1AE 0.01	206167_s_at 12	AE 0.02
214590_s_at	1AE 0.01	2045//_s_at IA	AE 0.02
216210_x_at	1AE 0.01	221/39_at 1/	AE 0.02
218030_at	1AE 0.01	2U549/_at IA	AE 0.02
211928_at 211911_x_at	1AE 0.01	155/165_S_at IA	AE 0.02
202645_s_at	1AE 0.01	204002_at IA	4E 0.02
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205425 at	1AE 0.01	200279_at 12	1E 0.02
209396 s at	1AE 0.01	219844 at 12	AE 0.02
	1AE 0.01	220329 s at 12	AE 0.02
	1AE 0.01	235218 x at 17	AE 0.02
	1AE 0.01		AE 0.02
	1AE 0.01		AE 0.02
1569599 at		223649 s at 12	AE 0.02
201473 at		224480 s at 12	
	1AE 0.01	<b>— —</b>	AE 0.02
201041 s at	1AE 0.01		AE 0.02
201143 s at	1AE 0.01	225252 at 17	AE 0.02
201353_s_at	1AE 0.01	229256 at 12	AE 0.02
201858_s_at	1AE 0.01	235689 at . 11	AE 0.02
218005_at	1AE 0.01		AE 0.02
236341 at	1AE 0 01		
204686_at	1AE 0.01	239792_at 12 218673_s_at 12	Æ 0.02
156367 <mark>4</mark> _at		219623_at 12	Æ 0.02
	1AE 0.01	218882 <u>s_at</u> 12	
	1AE 0.01		AE 0.02
	1AE 0.01	212794_s_at 12	AE 0.02
218889_at		212314_at 12	AE 0.02
224883_at		217738_at 17	AE 0.02
223769_x_at	1AE 0.01	216438_s_at 12	AE 0.02

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204075 0 0+	175	0.02	2,33340_3_ac	17E 0.02
204073_8_at	170	0.02	244/10_at	1AE 0.02
217739_s_at 204075_s_at 203535_at 203956_at	IAL	0.02	21/599_s_at	IAE 0.02
203956_at	IAL	0.02	203283_s_at	1AE 0.02
203765 <u>a</u> t	1AE	0.02	203987_at	1AE 0.02
203394_s_at	1AE	0.02	203657 s at	1AE 0.02
204714_s_at 204594_s_at	1AE	0.02	221535 at	1AE 0.02
204594 s at	1AE	0.02	223253 at	1AE 0.02
222646_s_at	1AE	0.02	242028 at	1AE 0.02
222311_s_at	1AE	0.02	231271 x at	1AE 0 02
220757 s at	1 A F	0.02	201829 at	175 0.02
211783 s at	1 A F	0.02	201027_40	175 0.02
220757_s_at 211783_s_at 211940_x_at	175	0.02	200022_5_at	1AE 0.02
202497_x_at	TWE	0.02	202391_at	TAE 0.02
20249/_x_at	IAL	0.02	210840_s_at	TAE 0.02
203186_s_at	IAE	0.02	212055_at	1AE 0.02
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205922_at 206324_s_at 206613_s_at	1AE	0.02	203081_at	1AE 0.02
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209140 x at	1AE	0.02	209450 at	1AE 0.02
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1555250 a at	1AE	0.02	226339 at	1AE 0.02
200799_at 200021_at 200640_at 200797_s_at 1552773_at	1AE	0.02	217944 at	175 0.02
200733_at	1 A F	0.02	202426 a at	1AE 0.02
200640 2+	170	0.02	202420_S_at	1AE 0.02
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214221_at	1AE	0.02	1552552_s_at	1AE 0.03
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206177 s at	1AE	0.02	220048 at	1AE 0.03
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224240 s at	1AE	0.02	219590 x at	1AE 0.03
204319 s at	1AE	0.02	216341 s at	1AE 0.03
205259 at		0.02	211084 x at	1AE 0 03
225527 at		0.02	202767 at	175 0.03
		0.02	1553088 = a+	175 0.03
		0.02	205340 at	1AE 0.03
210817 s at		0.02	203340_at	1AE 0.03
206451 at		0.02	202/30_s_at	1AE 0.03
		0.02	22/410_at	1AE 0.03
53912_at	IAL	0.02	201580_s_at	TAE 0.03
230252_at 204040_at	IAE	0.02	216232_s_at	1AE 0.03
204040_at	1AE	0.02	203575_at	1AE 0.03
207601_at		0.02	203026_at	1AE 0.03
203941_at		0.02	204490_s_at	1AE 0.03
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219398_at		0.02	233341 s at	1AE 0.03
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222416 at		0.02	224693 at	1AE 0.03
		0.02	226811 at	1AE 0 03
		0.02	226906 - 2+	17E 0.03
203276 at		0.02	225470 at	1AE 0.03
205963 s at			225184 at	1AE 0.03
205291_at		0.02	225184_at 225282 at	1AE 0.03
		J. J.	223202_dl	1AE 0.03

226208 at	175 0 03	222002 -+	175 0 02
220200_ac	175 0.03	223092_at	1AE 0.03
226041_at	IAE 0.03	238795_at	1AE 0.03
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232617 at	1AE 0 03	209363 5 2+	175 0.03
230563 2+	175 0.03	200000_3_ac	1AE 0.03
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219029 at	1AE 0 03	226389 s at	175 0.03
226208_at 226041_at 228061_at 229540_at 229967_at 232617_at 230563_at 228298_at 241672_at 219681_s_at 218739_at 219029_at 219676_at 220094_s_at	175 0.03	220303_3_at	1AE 0.03
219070_at	1AE 0.03	235683_at	IAE 0.03
	IAE 0.03	203915_at	1AE 0.03
213491_x_at	1AE 0.03	206039_at	1AE 0.03
213039_at 213513_x_at 213867_x_at	1AE 0.03	220189 s at	1AE 0.03
213513 x at	1AE 0.03	232403 at	1AE 0.03
213867 x at	1AE 0.03	237040 at	1AF 0 03
213501_at	1AF 0 03	237040_ac	175 0.03
216231 0 0+	175 0.03	213430_ac	1AE 0.03
216231_s_at	1AE 0.03	224435_at	IAE 0.03
217673 <u>x</u> at 218175_at	IAE 0.03	225888_at	1AE 0.03
218175_at	1AE 0.03	204228_at	1AE 0.03
215452_x_at	1AE 0.03	216941 s at	1AE 0.03
217967 s at	1AE 0.03	208420 x at	1AE 0.03
204461_x_at 204828_at 222529_at 222981_s_at	1AE 0.03	204314 s at	1AE 0 03
204828 at	1AE 0 03	201311_5_46	175 0.03
204020_ac	1AE 0.03	204300_S_at	1AE 0.03
222329_ac	1RE 0.03	212111_at	IAE 0.03
222981_s_at	IAE 0.03	212862_at	1AE 0.03
220990_s_at	1AE 0.03	218153_at	1AE 0.03
223014_at	1AE 0.03	212315 s_at	1AE 0.03
220990_s_at 223014_at 222891_s_at	1AE 0.03	226199 at	1AE 0.03
210754 s at	1AE 0.03	223092_at 238795_at 219997_s_at 1553868_a_at 220216_at 209363_s_at 219982_s_at 217963_s_at 224879_at 234491_s_at 224879_at 234491_s_at 226389_s_at 226389_s_at 226389_s_at 235683_at 203915_at 206039_at 220189_s_at 237040_at 213436_at 224435_at 225888_at 204228_at 216941_s_at 204314_s_at 204366_s_at 212111_at 212862_at 212111_at 212862_at 218153_at 212315_s_at 226199_at 244546_at 235896_s_at 204672_s_at 204672_s_at 204672_s_at 204672_s_at 204672_s_at 204672_s_at 204672_s_at 204672_s_at 20401_at 205053_at 219434_at 20578_at 206088_at 205789_s_at	1AE 0.03
209515_s_at 210621_s_at 210774_s_at	1AE 0.03	235896 s at	1AE 0 03
210621 s at	1AE 0 03	203660 = 2+	175 0.03
210774 e at	125 0.03	203000_3_at	1AE 0.03
211005_at	1AE 0.03	203264_S_at	1AE 0.03
211005_at	1AE 0.03	2046/2_s_at	IAE 0.03
2113/2_s_at	IAE 0.03	230421_at	1AE 0.03
210951_x_at	1AE 0.03	213314_at	1AE 0.03
211372_s_at 210951_x_at 212037_at	1AE 0.03	204401 at	1AE 0.03
202450_s_at 202461_at 202241_at	1AE 0.03	205053 at	1AE 0.03
202461 at	1AE 0.03	219434 at	1AE 0.03
202241 at	1AE 0.03	220578 at	1AE 0 03
205839 s at	1AE 0.03	206088 at	1AE 0.03
207038 at	1AE 0.03	200000_at	1AE 0.03
_	1AE 0.03	205189_s_at	1AE 0.03
207008_at	11111 0.00	203901_at	IAE 0.03
	1AE 0.03	218703 <u>a</u> t	1AE 0.03
205568_at	1AE 0.03	214974 x at	1AE 0.03
206208 at	1AE 0.03	223304 at	1AE 0.03
207559 s at		202106 at	1AE 0.03
	1AE 0.03	202153 s at	1AE 0.03
	1AE 0.03		
209309_at 209395 at	1AE 0.03	205041_s_at	1AE 0.03
		210140_at	1AE 0.03
209186_at		219001 <u>s</u> at	1AE 0.03
1555167_s_at		224948_at	1AE 0.03
200706_s_at	1AE 0.03	209099 <sup>-</sup> x at	1AE 0.03
1554690 a at		207231_at	1AE 0.03
1553718 at	1AE 0.03	211681 s at	1AE 0.03
1553984 s at		217966 s at	
201133 s at			1AE 0.03
	1AE 0.03	200665_s_at	1AE 0.03
	1AE 0.03	206959_s_at	1AE 0.03
	1AE 0.03	227721_at	1AE 0.04
	1AE 0.03	225743 at	1AE 0.04
200871_s_at	1AE 0.03	204501 at	1AE 0.04
	1AE 0.03	205173 x at	1AE 0.04
		=	

222437_s_at	1AE	0.04	213572 s at	1AE 0	. 04
214945 at	125	0 04	212011	170 0	0.4
214945_at 234305_s_at 227189_at	TAL	0.04	213011_x_at	IAE U	.04
234305 s at	1AE	0.04	213988 s at	1AE O	.04
227189 at	1 A F	0 04	213175 0 25	170 0	0.4
22/103_ac	IAL	0.04	2131/5_S_at	IAE U	.04
219234_x_at	1AE	0.04	213370 s at	1AE O	.04
204278_s_at	125	0 04	214040	1 7 77 0	0.4
2042/0_3_ac	TAE	0.04	214049_X_at	TAE U	. 04
219403 s at	1AE (	0.04	212295 s at	1AE O	.04
222717	1 አ 🗁 🛈	0 04	212501	175 0	~ ~
222/1/_ac	TAC	0.04	212501_at	TAE U	.04
219403_s_at 222717_at 202626_s_at 217728_at	1AE (	0.04	212988 x at	1AE 0	. 04
217728 2+	1 N E	0 04	214652	175 0	~ ~
21//20_ac	IAL	0.04	214553_S_at	TAE U	. 04
206129 <u>s</u> at	1AE (	0.04	214459 x at	1AE O	.04
203189 = =+	1 A F	0 04	212004	170	0.4
203103_5_40		0.04	213004_X_at	TAE 0	. 04
203189_s_at 208729_x_at 204624_at	IAE (	0.04	218238 at	1AE O	.04
204624 at	1AE	0.04	218280 - 2+	125 0	0.4
201621_0	270	0.01	210200_x_ac	IAE U	. 04
201522 <u>x</u> at		0.04	217299 s at	1AE 0.	.04
205297_s_at	1AE (	0.04	218414 s at	1AE O	0.4
221712	175	0 04	210111_0_40	1711	. 0 4
221/12_s_at	TAE (	0.04	21654/_at	IAE O	.04
221712_s_at 1552472_a_at	1AE (	0.04	217947 at	1AE O	0.4
231173_at	175 (	0 04	017701	1772	. 0 4
		0.04	21//31_s_at	IAE U	.04
206929_s_at	1AE (	0.04	218364 at	1AE 0.	. 04
224467 8 2+	1 A F (	0 04	215000	170 0	0.4
224467_s_at 213340_s_at 230518_at	100 (	0.04 0.04	213303_X_at	TAE U	. 04
213340 s at	lAE (	0.04	215109 at	1AE 0.	.04
230518 at	1 A F (	Λ Λ4	219009 2+	175 0	0.4
230310_40	1210	0.04	210096_ac	IAE U	. 04
220643_s_at	IAE (	0.04	204554 at	1AE 0.	.04
214552_s_at	JAE (	0.04	204081 at	1ልፍ በ	0.4
207720	170 (	0.01	204001_40	IAE O	. 0 4
207728_at 214629_x_at	TAE (	0.04	204258_at	1AE 0.	.04
214629 x at	1AE (	0.04	203827 at	1AE O	04
205763 s at	175 (	0 04	202577	175 0	
203703_S_aC	THE	0.04	2035/4_at	IAE U	. 04
203205_at	1AE (	0.04	204872 at	1AE 0.	.04
$155710\overline{3}$ a at		0 04	204106 2+	175 0	0.4
		0.01	204100_ac	IAE U.	. 04
222686_s_at	IAE (	0.04	204668 at	1AE 0.	.04
212694 s at	1AE (	0.04	204142 at	1ልፍ በ	0.4
		0 04	201212_40	175 0	. 0 4
215629_s_at	IAE (	0.04	204222_s_at	IAE O.	.04
211998 at	1AE (	0.04	203853 s at	1AE 0.	0.4
211998_at 208688_x_at	1 A F (	0 04	203335 2+	175 0	0.4
212014 x at	1770	0.01	203333_aç	IAE U	. 04
		0.04	203814_s_at	1AE 0.	.04
223907_s_at	1AE (	0.04	203992 s at	1AE 0.	.04
214427_at 37425_g_at 218498_s_at	1 A F (	0 04	222125	175 0	0.4
21442/_00	ine (	0.04	222125_S_at	IAE U.	. 04
3/425_g_at	IAE (	0.04	222557_at	1AE 0.	.04
218498 s at	1AE (	0.04	222841 s at	1AE 0.	.04
220453_at	125 (	0 04	222480	170	0.4
		0.04	222460_at	IAE U.	.04
217353_at	1AE (	0.04	221558_s_at	1AE 0.	.04
212189 s at	1AE (	0.04	222547_at	1AE 0.	0.4
210504 at		0 04	223042 s at	170 0	04
		0.01	223042_S_at	1AE 0.	. 04
	1AE (		222133 s at	1AE 0.	.04
1555634 a at	1AE (	0.04	209486 at	1AE 0.	0.4
	1AE (			1AE 0.	
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	1AE (		210633 x at	1AE 0.	.04
215043 s at	1AE (	0.04	211686 s at	1AF O	$\cap A$
<del></del>					
<del>_</del>	1AE (			1AE 0.	.04
225986 x at	1AE (	0.04	211962_s_at	1AE 0.	.04
	1AE (	0 04	212075		
			212075_s_at	1AE 0.	. U 4
227569_at	1AE (	0.04	210356 x at	1AE 0.	.04
227385 at			202100 at	1AE 0.	
239660_at	IAE (	U.U4	202431 s at	1AE 0.	.04
231940_at 235027_at	1AE (	0.04	202200_s_at	1AE 0.	
235027 =+	125 (	0 04	202102		
230836 at	(			1AE 0.	
				1AE 0.	.04
218555 at	1AE (	0.04		1AE 0.	
219110_at	THE (	0.04	205323_s_at	1AE 0.	
218647_s_at	lAE (	0.04	206515 at	1AE 0.	.04
219910 at	1AE (	0.04	204959 at	1AE 0.	
219037 at	ייאר ב	0.04			
			206060_s_at	1AE 0.	. U 4
220175 s at	1AE (	0.04	206559 x at	1AE 0.	. 04
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205842 s at	1AE	0.04	211944_at	1AG 7.04e-04
205256 at		0.04	203590 at	170 7 630-04
		0.04	203330_ac	1AC 7.03e-04
		0.04	212030_ac	1AG 7.63e-04 1AG 7.93e-04 1AG 8.14e-04
			04400_at	1AG 8.14e-04
207509_s_at		0.04	219956_at	
207549_x_at		0.04	209653_at	
208885_at		0.04	212384_at	
		0.04	216652_s_at	
		0.04	212079_s_at	
209384_at		0.04	216251_s_at	
207783_x_at	1AE	0.04	212102_s_at	
208039_at 1553749_at	1AE	0.04	201303_at	
1553749_at	1AE	0.04		1AG 1.121754e-03
1570410 <u> </u>	1AE	0.04	216526_x_at	1AG 1.12702e-03
200768_s_at		0.04	209009_at	1AG 1.134826e-03
1554153_a_at			35626_at	1AG 1.155905e-03
200801_x_at			201569_s_at	1AG 1.15748e-03
200077_s_at	1AE	0.04	201753 s at	1AG 1.159953e-03
201315_x_at	1AE	0.04	202818 s at	1AG 1.187457e-03
201872 s at	1AE	0.04	214553 s at	1AG 1.263653e-03
201849_at	1AE	0.04	217796 s at	
201013 s at	1AE	0.04	202638 s at	1AG 1.329477e-03
201726 at	1AE	0.04	212287 at	1AG 1.547918e-03
201272_at	1AE	0.04	209313 at	1AG 1.589471e-03
201258_at			220349 s at	
201570 at	1AE	0.04	209668 x at	1AG 1.644875e-03
201570_at 201529_s_at	1AE	0.04	203656 at	
201054 at		0.04	204640_s_at	
223380_s_at		0.04	201072 s at	
227022 at		0.04	200702_s_at	
217853 at		0.04	211069 s at	1AG 1.771339e-03
209835 x at		0.04	211000 s at	
220777 at		0.04	219821 s at	
222067 x at		0.04	213998_s_at	1AG 1.896524e-03
214422 at		0.04	201414 s at	1AG 1.907781e-03
209583 s at		0.04	221514 at	1AG 2.003432e-03
212291 at		0.04	203965 at	1AG 2.003432e-03
205863_at			203905_at 213916_at	
		0.04		1AG 2.03613e-03
<del></del>		0.04	210426 x at	
221600 s at		0.04	204212 at	1AG 2.053087e-03
214273 x at		0.04		
210627 s at		0.04	201587_s_at 204046_at	1AG 2.139946e-03
203674 at		1.01e-04	201633 s at	1AG 2.171377e-03 1AG 2.174744e-03
202874 s at		1.31e-04	201633_s_at 203630 s at	1AG 2.174744e-03
211085_s at		1.42e-04		1AG 2.18879e-03
218754 at		1.73e-04	202492_at	
212213 x at		1.77e-04	212451_at 218135_at	1AG 2.226808e-03
207618 s at		2.48e-04	_	1AG 2.253272e-03
207010_s_at 208835 s at		2.81e-04	218659_at	1AG 2.302978e-03
		3.88e-04	218315_s_at	1AG 2.313581e-03
214843_s_at			208051_s_at	1AG 2.319686e-03
212249_at		4.14e-04	222343_at	1AG 2.34273e-03
212629_s_at		4.2e-04	200051_at	1AG 2.373327e-03
218649_x_at		4.41e-04	218807_at	1AG 2.497948e-03
218521_s_at		4.48e-04	203147_s_at	1AG 2.508271e-03
200767_s_at		4.58e-04	200772_x_at	1AG 2.51093e-03
212218_s_at		5.01e-04	204544_at	1AG 2.519817e-03
210731_s_at		5.26e-04	202605_at	1AG 2.573875e-03
208450_at		5.59e-04	208325_s_at	1AG 2.600413e-03
202131_s_at		5.83e-04	207198_s_at	1AG 2.601674e-03
214853_s_at		5.95e-04	202626 <u>s</u> at	1AG 2.624949e-03
203514_at		5.98e-04	200871_s_at	1AG 2.682533e-03
200957_s_at		6.5e-04	212643_at	1AG 2.690275e-03
203978_at	1AG	6.83e-04	213398_s_at	1AG 2.720827e-03

204209 at	1AG 2.749704e-03	204366 s at	1AG 6.131504e-03
218314 s at	1AG 2.751347e-03	209203 s at	1AG 6.170708e-03
208817 at	1AG 2.755885e-03	212588 at	1AG 6.236877e-03
219112 at	1AG 2.777065e-03	200797 s at	
			1AG 6.294021e-03
219695_at	1AG 2.879129e-03	219543_at	1AG 6.380925e-03
210048_at	1AG 2.994828e-03	221263_s_at	1AG 6.382976e-03
203723_at	1AG 3.001734e-03	213214 x at	1AG 6.468144e-03
201965 s at	1AG 3.109621e-03	208661 s at	1AG 6.479928e-03
203746 s at	1AG 3.139861e-03	204493 at	1AG 6.524928e-03
214730 s at	1AG 3.153765e-03	203132 at	1AG 6.552763e-03
203054_s_at	1AG 3.218631e-03		
		44146_at	1AG 6.742311e-03
202600_s_at	1AG 3.408642e-03	209001_s_at	1AG 6.760429e-03
208152_s_at	1AG 3.452256e-03	200060_s_at	1AG 6.884239e-03
202361_at	1AG 3.469357e-03	203380_x_at	1AG 6.893403e-03
216438 s at	1AG 3.628385e-03	221563 at	1AG 6.913372e-03
58367_s_at	1AG 3.629673e-03	214315 x at	1AG 6.92735e-03
20862 <u>4</u> s_at	1AG 3.73572e-03	204669 s at	1AG 7.116652e-03
221481 x at	1AG 3.870349e-03	48612 at	1AG 7.26617e-03
208684 at	1AG 4.061779e-03	220748 s at	
			1AG 7.318219e-03
210208_x_at	1AG 4.064727e-03	200895_s_at	1AG 7.360774e-03
45526_g_at	1AG 4.093793e-03	219540_at	1AG 7.369946e-03
201737_s_at	1AG 4.138295e-03	207780_at	1AG 7.372413e-03
208663 <u>s</u> at	1AG 4.148347e-03	200708 at	1AG 7.389545e-03
204028 s at	1AG 4.223007e-03	212007 at	1AG 7.396832e-03
219593 at	1AG 4.230516e-03	201956 s at	1AG 7.430838e-03
201085 s at	1AG 4.267906e-03	201198 s at	1AG 7.579847e-03
212047 s at	1AG 4.268395e-03	221864 at	1AG 7.594666e-03
212638 s at	1AG 4.2003336 03		
203335 at		220969_s_at	1AG 7.607487e-03
	1AG 4.341122e-03	210951_x_at	1AG 7.66351e-03
219878_s_at	1AG 4.372931e-03	203345_s_at	1AG 7.729657e-03
222105_s_at	1AG 4.388161e-03	222244_s_at	1AG 7.808859e-03
216915 <u>s</u> at	1AG 4.464781e-03	201545_s_at	1AG 7.840022e-03
220646_s_at	1AG 4.52665e-03	208946_s_at	1AG 7.855961e-03
202658_at	1AG 4.54126e-03	202509_s_at	1AG 7.862325e-03
208660 at	1AG 4.626556e-03	209453 at	1AG 7.912131e-03
200958 s at	1AG 4.653266e-03	201494 at	1AG 8.052669e-03
213650 at	1AG 4.741285e-03	204478 s at	1AG 8.087901e-03
211270 x at	1AG 4.768334e-03	208688 x at	1AG 8.182216e-03
219870 at	1AG 4.789132e-03	203185 at	1AG 8.206065e-03
209669 s at	1AG 4.78971e-03	205783 at	1AG 8.274557e-03
208859 s at	1AG 4.82024e-03	<del>-</del>	
		206515_at	1AG 8.356337e-03
34858_at	1AG 4.862957e-03	206219_s_at	1AG 8.363564e-03
212587_s_at	1AG 5.067577e-03	208974_x_at	1AG 8.365858e-03
217499_x_at	1AG 5.079111e-03	200861_at	1AG 8.396369e-03
218398_at	1AG 5.101508e-03	33760_at	1AG 8.402577e-03
217732_s_at	1AG 5.117337e-03	208042_at	1AG 8.483872e-03
208961_s_at	1AG 5.242419e-03	218378_s_at	1AG 8.497553e-03
220735 s at	1AG 5.332079e-03	220355 s at	1AG 8.58496e-03
213579 s at	1AG 5.337012e-03	219809 at	1AG 8.633956e-03
218806 s at	1AG 5.383513e-03	219399 at	1AG 8.646396e-03
218168 s at	1AG 5.402092e-03	220945 x at	1AG 8.656949e-03
217644 s at	1AG 5.442792e-03	204638 at	1AG 8.705879e-03
		<del></del>	
201770_at	1AG 5.443484e-03	205462_s_at	1AG 8.748628e-03
218941_at	1AG 5.462263e-03	217775_s_at	1AG 8.760763e-03
210479_s_at	1AG 5.538178e-03	202157_s_at	1AG 8.789768e-03
200710_at	1AG 5.610092e-03	202631_s_at	1AG 8.8214e-03
208003_s_at	1AG 5.64428e-03	218116_at	1AG 8.822656e-03
200045_at	1AG 5.702059e-03	207104_x_at	1AG 8.82447e-03
203377 <u>s</u> at	1AG 5.739837e-03	203247 s at	1AG 8.857666e-03
37796 at	1AG 5.793659e-03	203351_s_at	1AG 8.92903e-03
208900  s at	1AG 5.817748e-03	201491 at	1AG 8.930601e-03
211725 s at	1AG 5.846683e-03	201859 at	1AG 8.985382e-03
219189 at	1AG 5.88903e-03	219334 s at	1AG 9.004632e-03
220800 s at	1AG 6.031258e-03		
-20000_3_ac	1170 0.001506-00	218187_s_at	1AG 9.012184e-03

207724 s at	1AG 9.02166e-03	213011_s_at	1AG 0.01
205383 s at	1AG 9.187547e-03	213887 s at	1AG 0.01
201557 at	1AG 9.200722e=03	218082 s at	1AG 0 01
218160 at	1AG 9.210103e=03	213887_s_at 218082_s_at 210172_at	1AG 0.01
200015 s at	1AG 9 286343e-03	200998_s_at	1AG 0.01
205585_at	1AG 9 376354e=03	201231 s at	1AG 0.01
202303_at	1AC 9 //55830-03	201231_s_at 201417_at 207320_x_at 33148_at	1AG 0.01
202504_at	1AC 0 4710500 03	201417_ac	1AG 0.01
201341_S_at	1AC 0 664001- 03	20/32U_X_at	1AG 0.01
203340_at	1AG 9.6649616-03	33148_at	1AG 0.01
201182_s_at	IAG 9.68555e-03	200097_s_at	1AG 0.01
212152_x_at	IAG 9./14539e-03	212814_at	IAG 0.01
AFFX-	150 0 500501 00	33148_at 200097_s_at 200097_s_at 212814_at 201544_x_at 212599_at 200694_s_at 204352_at 221216_s_at 202335_s_at 204089_x_at 217899_at 221553_at 217944_at 212897_at 203831_at 202021_x_at 205105_at 210010_s_at 32029_at 212369_at 212369_at 208056_s_at 218474_s_at 202135_s_at 20135_s_at 202135_s_at 202135_s	IAG 0.01
num_alu_at	IAG 9./80/81e-03	212599_at	1AG 0.01
221506_s_at	1AG 9.787779e-03	200694_s_at	1AG 0.01
212320_at	1AG 9.820953e-03	204352_at	1AG 0.01
201861_s_at	1AG 9.927428e-03	221216_s_at	1AG 0.01
217959_s_at	1AG 0.01	202335_s_at	1AG 0.01
209682_at	1AG 0.01	204089_x_at	1AG 0.01
200049_at	1AG 0.01	217899_at	1AG 0.01
217783_s_at	1AG 0.01	221553_at	1AG 0.01
212220_at	1AG 0.01	217944_at	1AG 0.01
200647_x_at	1AG 0.01	212897 at	1AG 0.01
200072 s at	1AG 0.01	203831 at	1AG 0.01
213980 s at	1AG 0.01	202021 x at	1AG 0.01
216304 x at	1AG 0.01	206968 s at	1AG 0.01
205305 at	1AG 0.01	205105 at	1AG 0.01
218912 at	1AG 0.01	210010 s at	1AG 0.01
215416 s at	1AG 0.01	32029 at	1AG 0.01
210057 at	1AG 0.01	212369 at	1AG 0.01
200920 s at	1AG 0.01	208056 s at	1AG 0.01
219202 at	1AG 0.01	218474 s at	1AG 0.01
$201550^{-}$ x at	1AG 0.01	202135 s at	1AG 0.01
208895 s at	1AG 0.01	218966 at	1AG 0.01
210649 s at	1AG 0.01	203923 s at	126 0.01
212055 at	1AG 0.01	205925_5_dc	126 0.01
205475 at	1AG 0.01	204085 s at	1AG 0.01
201469 s at	1AG 0.01	55705 at	1AG 0.01
211962 s at	1AG 0 01	217751 at	1AG 0.01
204479 at	1AG 0 01	205/19 3+	1AG 0.01
212363 v at	126 0 01	210639 - 2+	1AG 0.01
205988 at	126 0 01	20039_S_ac	1AG 0.01
203000_at	120 0.01	214012 at	1AG 0.01
218258 at	1AG 0.01	221804 s at	1AG 0.01
218709 s at	1AG 0.01	217961 at	1AG 0.01
202423_at	1AG 0.01	21/961_ac 211983 x at	1AG 0.01 1AG 0.01
217840 at	1AG 0.01		
201010_s at	1AG 0.01	201016_at	1AG 0.01
	1AG 0.01	213378_s_at	1AG 0.01
		203321_s_at	1AG 0.01
<b>– –</b>		55872_at	1AG 0.01
211065_x_at	1AG 0.01	202129_s_at	1AG 0.01
208676_s_at	1AG 0.01	204808_s_at	1AG 0.01
204060_s_at	1AG 0.01	202230_s_at	1AG 0.01
212429_s_at	1AG 0.01	207727_s_at	1AG 0.01
213603_s_at	1AG 0.01	210926_at	1AG 0.01
203992_s_at	1AG 0.01	204873_at	1AG 0.01
202855_s_at	1AG 0.01	221516_s_at	1AG 0.01
208106_x_at	1AG 0.01	211671_s_at	1AG 0.01
220097_s_at	1AG 0.01	203900_at	1AG 0.01
207604 <u>s</u> at	1AG 0.01	202068_s_at	1AG 0.01
211970_x_at	1AG 0.01	210105_s_at	1AG 0.01
207416_s_at	1AG 0.01	201511 at	1AG 0.01
218967_s_at	1AG 0.01	205955_at	1AG 0.01
210428_s_at	1AG 0.01	200011_s_at	1AG 0.01
212636_at	1AG 0.01	203760_s_at	1AG 0.01
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204864_s_at	1AG 0.01	201695 s at	1AG 0 01
	130 0 01	201033_3_40	1710 0.01
212953_x_at	IAG 0.01	45/49 at	1AG 0.01
204084_s_at 214112_s_at	1AG 0.01	214500 at	1 2 3 0 0 1
014110	170 0 01	214500_00	170 0.01
214112_s_at	IAG 0.01	213825 at	1AG 0.01
214007 s at	1AG 0.01	203497 =+	120 0 01
	1110 0.01	20349/_ac	ING U.UI
212831_at	1AG 0.01	201297 s at	1AG 0.01
205045 at	126 0 01	210001-25	170 0 01
205045_at	ING 0.01	210061_at	IAG U.UI
212356 at	1AG 0.01	201288 at	1AG 0.01
212356_at 217097_s_at	170 0 03	216205+	170 0 01
21/09/_S_at	1AG 0.01	216295_S_at	IAG U.UI
217788 s at	1AG 0.01	$219975 \times at$	1AG 0.01
	170 0 01	010700	170 0.01
218156_s_at	IAG 0.01	213708_s_at	IAG 0.01
209799_at	1AG 0.01	203162 s at	1AG 0.01
210400+	170 0 01	200102_0_0	17.0 0.01
219489_s_at 204373_s_at	IAG U.UI	204251 s at	IAG 0.01
204373 s at	1AG 0.01	205198 s at	1AG 0 01
211000	170 0 01	200130_5_4	1710 0.01
211982_x_at	IAG 0.01	200773 x at	1AG 0.01
52159_at	1AG 0.01	205126 at	1 AG 0 01
	170 0 01	203120_40	17.0 0.01
207677_s_at	IAG 0.01	204449 at	1AG 0.02
202867 s at	1AG 0.01	214697 g at	120 0 02
202007_0_	17.0 0.01	214057_3_ac	1AG 0.02
203703_s_at	IAG 0.01	213931 at	1AG 0.02
213974_at	1AG 0.01	218198 =+	126 0 02
223371_00	120 0 01	acac	1AG 0.02
207498_s_at 209161_at 201696_at 207627_s_at	1AG 0.01	218020 s at	1AG 0.02
209161 at	1AG 0 01	202331 at	170 0 02
203101_00	1110 0.01	202331_at	IAG 0.02
201696 at	1AG 0.01	201319 at	1AG 0.02
207627 s at	1AC 0 01	219017 2+	170 0 02
20,02,-5_40	170 0.01	21901/_ac	IAG 0.02
203599_s_at	1AG 0.01	200617 at	1AG 0.02
204283_at 211474_s_at 218465_at	1AG 0 01	209329 - 2+	170 0 02
201203_40	11.0 0.01	209329_X_at	IAG 0.02
2114/4_s_at	1AG 0.01	214132 at	1AG 0.02
218465 at	1AG 0 01	207922 8 3+	170 0 02
210100_0	17.0 0.01	201322_3_ac	IAG 0.02
208878_s_at 213216_at 201320_at 201244_s_at	1AG 0.01	206235 at	1AG 0.02
213216 at	1AG 0 01	204034 a+	170 0 02
213210_40	17.0 0.01	204054_ac	IAG 0.02
201320_at	IAG 0.01	219071 x at	1AG 0.02
201244 s at	1AG 0.01	209257 - 2+	120 0 02
212211_0_0	17.0 0 01	203237_3_ac	IAG 0.02
219350_s_at	1AG 0.01	203864 s at	1AG 0.02
213446_s_at	1AG 0 01	202379 = a+	170 0 02
	17.0 0.01	202373_3_ac	IAG 0.02
208488_s_at	IAG 0.01	214698 at	1AG 0.02
204781 s at	1AG 0.01	208579 x at	120 0 02
	17.0 0.01	200373_x_ac	170 0.02
219834_at	IAG 0.01	201771 at	1AG 0.02
204630_s_at	1AG 0.01	200911 s at	120 0 02
2000E1	170 0 01	200911_3_40	170 0.02
200851_s_at 218242_s_at	IAG 0.01	218004 at	1AG 0.02
218242 s at	1AG 0.01	217818 s at	1AG 0 02
217576	1AG 0.01	217010_5_40	17.0 0.02
217576_x_at	IAG 0.01	202220_at	1AG 0.02
202513 s at	1AG 0.01	202394_s_at	1AG 0.02
209231 s at	120 0 01	222025	170 0.00
	1AG 0.01	222035_s_at	1AG 0.02
202180 s at	1AG 0.01	203551 s at	1AG 0.02
33322 <u>i</u> at	1AG 0.01	25617	170 0 00
		35617_at	1AG 0.02
215947_s_at	1AG 0.01	218471 s at	1AG 0.02
202122 s at	1AG 0.01	216231_s_at	1AG 0.02
202368 s at	1AG 0.01	207908 at	1AG 0.02
212229 s at	1AG 0.01	215737 x at	1AG 0.02
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200759 x at	1AG 0.01	212257_s_at	1AG 0.02
212123 at	1AG 0.01	201500 s at	1AG 0.02
202757_at	1AG 0.01	211075_s_at	1AG 0.02
209375 at	1AG 0.01	200919 at	1AG 0.02
200785_s_at	1AG 0.01	211702 s at	1AG 0.02
202317 s at	1AG 0.01	201623 s at	1AG 0.02
	1AG 0.01	209044 x at	1AG 0.02
35265 at	1AG 0.01	212917 x at	1AG 0.02
_			
	1AG 0.01	206846 s at	1AG 0.02
$22201\overline{0}$ at		205559_s_at	
		200009_S_aL	IAG 0.02
219906_at	IAG 0.01	216088_s_at	1AG 0.02
220187 at	1AG 0.01	208351 s at	1AG 0.02
210707_40	120 0 01		
219/9/_at	IAG U.UI	209711 at	1AG 0.02
203267 s at	1AG 0.01	218249 at	1AG 0.02
215724			
215794_x_at	1AG 0.01	215399_s_at	1AG 0.02
<del>_</del>		<del></del>	

221264 s at	1AG 0.02	204290 s at	1AG 0 02
209166_s_at	1 5 6 0 02	212860_at	
20/100_5_at	1AC 0.02	212000_ac	170 0.02
204572_s_at 202217_at 214339_s_at	1AG 0.02	53968_at 201888_s_at 209615_s_at	1AG 0.02
20221/_at	1AG 0.02	201888_s_at	1AG 0.02
214339_s_at	1AG 0.02	209615_s_at	1AG 0.02
209140_x_at 206207_at	1AG 0.02	31845 at	1AG 0.02
206207 at	1AG 0.02	209627_s_at	
212661 2 2+	170 0.02	205027_3_40	1AG 0.02
212661_x_at 218204_s_at 210461_s_at	1AG 0.02	200113_8_at	1AG 0.02
218204_s_at	IAG 0.02	212744_at	IAG 0.02
210461_s_at	1AG 0.02	206113_s_at 212744_at 219492_at 219234_x_at	1AG 0.02
209878_s_at	1AG 0.02	219234 x at	1AG 0.02
200054_at	1AG 0.02	203258_at	1AG 0.02
212674 s at	1AG 0 02	214662 at	126 0 02
211230 c at	170 0.02	213524 0 0+	170 0.02
212674_s_at 211230_s_at 49077_at	1AG 0.02	214662_at 213524_s_at 202047_s_at	1AG 0.02
490//_at	IAG 0.02	20204/_s_at	IAG 0.02
221080_s_at 214430_at	1AG 0.02	203825 <u>a</u> t	1AG 0.02
214430_at	1AG 0.02	218981_at 211168_s_at 206613_s_at 201498_at	1AG 0.02
220791_x_at 208872_s_at	1AG 0.02	211168 s at	1AG 0.02
208872 s at	1AG 0.02	206613 s at	1AG 0.02
218455 at	1AG 0 02	201498 at	100 0.02
209743_s_at	170 0.02	210071	1AG 0.02
209743_S_at	1AG 0.02	218871_x_at	1AG 0.02
211951_at	IAG 0.02	206583_at	1AG 0.02
211951_at 217269_s_at 213501_at	1AG 0.02	206583_at 221235_s_at 217724_at 219941_at 201132_at 207111_at 217830_s_at	1AG 0.02
213501_at	1AG 0.02	217724 at	1AG 0.02
214585 s at	1AG 0.02	219941 at	1AG 0.02
212251_at 45653_at 220908_at	1AG 0.02	201132 at	1AG 0 02
45653 at	126 0 02	207111 2+	170 0.02
330000 =+	1AC 0.02	20/111_ac	1AG 0.02
220900_ac	1AG 0.02	21/830_s_at	IAG 0.02
201935_s_at	IAG 0.02	214170_x_at	IAG 0.02
205545_x_at	1AG 0.02	211330_s_at	
211576_s_at	1AG 0.02	203311_s_at	1AG 0.02
211576_s_at 213646_x_at	1AG 0.02	216396 s at	
214726 x at	1AG 0.02	204290_s_at 212860_at 53968_at 201888_s_at 201888_s_at 209615_s_at 31845_at 209627_s_at 209627_s_at 206113_s_at 212744_at 219492_at 219234_x_at 203258_at 213524_s_at 20347_s_at 203825_at 203825_at 201498_at 211168_s_at 201498_at 2114871_x_at 206583_s_at 221235_s_at 221355_s_at 221355_s_at 23130_s_at 23311_s_at 23311_s_at 23311_s_at 23311_s_at 23332_x_at 23332_x_at 23332_x_at 23332_x_at 23332_x_at 23332_x_at 23336_s_at 213554_s_at 217958_at 210443_x_at 201758_at	
200033_at	1AG 0 02	213932 x at	
2020033_ac	170 0.02	213332_x_at	
202991_at 218138_at	1AG 0.02	209500_x_at	
218138_at	IAG 0.02	219158_s_at	1AG 0.02
218203 <u>a</u> t	1AG 0.02	213554 <u> </u>	
217526_at	1AG 0.02	201306_s_at	
203602_s_at 207094_at 221867_at	1AG 0.02	217958_at 210443_x_at 201758_at	1AG 0.02
207094 at	1AG 0.02	210443 x at	1AG 0.02
221867 at	1AG 0.02	201758 at	1AG 0 02
206829 x at	1AG 0.02	213370 s at	1AG 0.02
204236_at		<del>-</del> -	
	1AG 0.02	213226_at	1AG 0.02
219423_x_at	1AG 0.02	213239_at	1AG 0.02
209286_at	1AG 0.02	218721_s_at	1AG 0.02
	1AG 0.02	210647_x_at	1AG 0.02
202364 at	1AG 0.02	202408 s at	1AG 0.02
221071 at	1AG 0.02	221419 s at	1AG 0.02
201992 s at	1AG 0.02	210506 at	1AG 0.02
209154 at	1AG 0.02	<del>_</del>	
_		214355_x_at	1AG 0.02
	1AG 0.02	217814_at	1AG 0.02
	1AG 0.02	202069_s_at	1AG 0.02
221745_at	1AG 0.02	203169 <u>a</u> t	1AG 0.02
209916 <u>a</u> t	1AG 0.02	207081 <sup>-</sup> s at	1AG 0.02
204849 at	1AG 0.02	206949_s_at	1AG 0.02
218079 s at	1AG 0.02	218401_s_at	1AG 0.02
213198 at	1AG 0.02		
		201225_s_at	1AG 0.02
206907_at	1AG 0.02	212246_at	1AG 0.02
213009_s_at	1AG 0.02	220023 <u>a</u> t	1AG 0.02
214938_x_at	1AG 0.02	218614_at	1AG 0.02
206244_at	1AG 0.02	218764_at	1AG 0.02
218831 s at	1AG 0.02	209882_at	1AG 0.02
218443 s at	1AG 0.02	219086 at	1AG 0.02
205790 at	1AG 0.02	216901 s at	
200, JU_ac	170 0.07	210901_s_at	1AG 0.02

40359_at	1 5 6 0 0 0 2	217736 c 2+	170 0 03
201520	1AG 0.02	217736_S_at	1AG 0.03
221339_at	1AG 0.02	207760_s_at	IAG 0.03
221539_at 205600_x_at 202797_at	IAG 0.02	202842_s_at	1AG 0.03
202797_at	1AG 0.02	204328_at	1AG 0.03
202522 at	1AG 0.02	211760 s at	1AG 0.03
209115 at	1AG 0.02	210027 s at	1AG 0.03
201153 s at	1AG 0.02	203668 at	120 0.03
213185 a+	176 0 02	203000_at	1AG 0.03
209115_at 201153_s_at 213185_at 208914_at	1AG 0.02	203221_at	1AG 0.03
208914_at	IAG 0.03	212616_at	IAG 0.03
210146_x_at	IAG 0.03	218103_at	1AG 0.03
215299_x_at	1AG 0.03	219487_at	1AG 0.03
220088_at	1AG 0.03	35150_at	1AG 0.03
215299_x_at 220088_at 219013_at 213349_at	1AG 0.03	209766 at	1AG 0.03
213349 at	1AG 0.03	202264 s at	1AG 0.03
201368 at	1AG 0.03	202565 s at	1AG 0.03
220132 s at	1AG 0.03	214615 at	1AG 0.03
57703 at	1AG 0 03	221550 at	1AC 0.03
220132_s_at 57703_at 207815_at 203600_s_at	120 0.03	211750 2 2+	170 0.03
207013_ac	1AC 0.03	211/39_x_at	1AG 0.03
203000_S_at	1AG 0.03	2045/1_x_at	1AG 0.03
201782_s_at	1AG 0.03	204/03_at	IAG 0.03
212492_s_at	IAG 0.03	218284_at	1AG 0.03
218150_at	1AG 0.03	213607_x_at	1AG 0.03
212492_s_at 218150_at 217094_s_at	1AG 0.03	208158_s_at	1AG 0.03
219128_at	1AG 0.03	207855 s at	1AG 0.03
202985_s_at	1AG <sup>-</sup> 0.03	217836 s at	1AG 0.03
211801 x at	1AG 0.03	217216 x at	1AG 0.03
211801_x_at 202479_s_at	1AG 0.03	212640 at	1AG 0.03
201126 s at	1AG 0.03	219266 at	1AG 0 03
217806_s_at	1AG 0.03	21/526 v at	176 0.03
209055 g at	120 0.03	211342 % 2+	1AC 0.03
209055_s_at 208873_s_at	1AC 0.03	211342_x_at	1AG 0.03
200989_at	1AG 0.03	20/338_S_at	1AG 0.03
	1AG 0.03	212130_X_at	IAG 0.03
201043_s_at	1AG 0.03	218209_s_at	IAG 0.03
208795_s_at 219110_at	1AG 0.03	218068_s_at	1AG 0.03
219110_at	1AG 0.03	200761_s_at	1AG 0.03
213545_x_at	1AG 0.03	201705_at	1AG 0.03
208685 <u>x</u> at	1AG 0.03	200027_at	1AG 0.03
200988_s_at	1AG 0.03	202558_s at	1AG 0.03
200988_s_at 210971_s_at	1AG 0.03	208920 at	1AG 0.03
200747 s at	1AG 0.03	60528 at	1AG 0.03
218036 x at	1AG 0.03	20073 <del>0</del> s at	1AG 0.03
217917 s at	1AG 0.03	217736_s_at 207760_s_at 207842_s_at 204328_at 211760_s_at 210027_s_at 203668_at 203221_at 212616_at 218103_at 219487_at 35150_at 209766_at 202264_s_at 202565_s_at 214615_at 221550_at 211759_x_at 204571_x_at 204571_x_at 204703_at 218284_at 213607_x_at 204703_at 218284_at 213607_x_at 2047855_s_at 217216_x_at 217216_x_at 217216_x_at 217216_x_at 217216_x_at 211342_x_at 2134526_x_at 211342_x_at 211342_x_at 211342_x_at 211342_x_at 211342_x_at 207338_s_at 212130_x_at 212130_x_at 20705_at 20705_at 20705_at 20705_s_at 208920_at 60528_at 200730_s_at 203159_at 200021_at	1AG 0.03
	1AG 0.03	210095 s at	1AG 0.03
	1AG 0.03	200021 at	1AG 0.03
	1AG 0.03	202303 x at	1AG 0.03
	1AG 0.03	<b>– –</b>	1AG 0.03
219297 at	1AG 0.03	34868_at	
213257_at 213956_at	1AG 0.03	220083_x_at	1AG 0.03
213956_at	1AG 0.03	209583_s_at	1AG 0.03
220338_at		211940_x_at	1AG 0.03
200850_s_at	1AG 0.03	215109_at	1AG 0.03
208957_at	1AG 0.03	208843_s_at	1AG 0.03
220954 s at	1AG 0.03	208815_x_at	1AG 0.03
205218_at	1AG 0.03	221059 s at	1AG 0.03
	1AG 0.03	202185 at	1AG 0.03
201293 x at	1AG 0.03	209064_x_at	1AG 0.03
46256 at	1AG 0.03	211978 x at	1AG 0.03
220252 x at	1AG 0.03	212460 at	1AG 0.03
	1AG 0.03	218506 x at	1AG 0.03
	1AG 0.03	216221 s at	
	1AG 0.03		1AG 0.03
		203823_at	1AG 0.03
	1AG 0.03	91684_g_at	1AG 0.03
	1AG 0.03	215708_s_at	1AG 0.03
	1AG 0.03	212582_at	1AG 0.03
200812_at	1AG 0.03	203118_at	1AG 0.03

201252+	170 0 02	221500	170 0 04
201353_s_at	IAG 0.03	221569_at	IAG U.04
204529_s_at	1AG 0.03	207394_at	1AG 0.04
202922 at	1AG 0.03	210176 at	1AG 0.04
204529_s_at 202922_at 209212_s_at	1 AG 0 03	201479 at	170 0 04
208438 s at	170 0.03	201301	1AG 0.04
	1AG 0.03	201321_s_at	1AG 0.04
218129_s_at	1AG 0.03	218010_x_at	1AG 0.04
202740_at 205471_s_at 208934_s_at	1AG 0.03	203572 s at	1AG 0.04
205471 s at	1AG 0 03	218460 at	170 0 04
209934 - 2+	170 0.00	210200_40	170 0.04
200934_S_at	IAG 0.03	212230_at	IAG 0.04
201901_s_at	1AG 0.03	218581_at	1AG 0.04
221260_s_at	1AG 0.03	209765 at	1AG 0.04
203932 at	1AG 0.03	213090 s at	1AG 0.04
202039 at	1AG 0 03	213935 v 2+	170 0.04
203932_at 202039_at 204177_s_at	170 0.03	213033_ <b>x_</b> ac	1AG 0.04
2041//_S_at	IAG 0.03	208862_S_at	IAG 0.04
200822_x_at	IAG 0.03	201456_s_at	1AG 0.04
207782_s_at	1AG 0.03	208797_s_at	1AG 0.04
221046 s at	1AG 0.03	212015 x at	1AG 0.04
221046_s_at 204405_x_at	1AG 0.03	203533 s at	1AG 0 04
201768 s at	1AG 0 03	201413 2+	170 0.04
	170 0.00	201415_80	1AG 0.04
208858_s_at	1AG 0.03	219618_at	IAG 0.04
211961_s_at 205786_s_at 200645_at	1AG 0.03	210240_s_at	1AG 0.04
205786_s_at	1AG 0.03	202388 at	1AG 0.04
200645 at	1AG 0.03	218301 at	1AG 0.04
215222 x at	1AG 0.03	203249 at	1AG 0 04
204700_x_at	1 A G TO 0 3	212005 2+	1AG 0.04
204700_x_ac	1AG 0.03	212005_at	IAG 0.04
200209_S_at	1AG 0.03	210//2_at	IAG 0.04
208289_s_at 218970_s_at 218987_at	1AG 0.03	204170_s_at	1AG 0.04
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200758 s at	1AG 0.03	214459 x at	1AG 0.04
220015 at	1AG 0.03	214054 at	1AG 0 04
200758_s_at 220015_at 218841_at 206036_s_at	146 0 03	202051_g_at	17.0 0.04
206036 0 2+	17.0 0.03	202031_5_at	1AG 0.04
200036_S_at	1AG 0.03	221569_at 207394_at 210176_at 210176_at 201479_at 201321_s_at 218010_x_at 203572_s_at 218460_at 212230_at 218581_at 209765_at 213090_s_at 213835_x_at 208862_s_at 201456_s_at 203533_s_at 201413_at 219618_at 210240_s_at 202388_at 218301_at 202388_at 218301_at 203249_at 212885_at 210772_at 204170_s_at 204170	IAG 0.04
218444_at	IAG 0.03	52169_at	1AG 0.04
219220_x_at 218255_s_at	1AG 0.03	209949_at	1AG 0.04
218255_s_at	1AG 0.03	218053 at	1AG 0.04
218419 s at	1AG 0.03	208824 x at	1AG 0.04
202917 s at	1AG 0.03	220210 at	126 0 04
51192 at	126 0 03	200210_40	170 0.04
202917_s_at 51192_at 221229_s_at 211163_s_at	1AG 0.03	200921_S_at	IAG 0.04
221229_S_at	1AG 0.03	213566_at	IAG 0.04
211163_s_at	1AG 0.03	213278_at	1AG 0.04
221647_s_at	1AG 0.03	201295 s at	1AG 0.04
201735_s_at	1AG 0.03	218012 at	1AG 0.04
202461 at	1AG 0.03	201670 s at	1AG 0.04
214709 s at	1AG 0.03	209438 at	1AG 0.04
209149 s at	1AG 0.03	203436_at	1AG 0.04
		204480_s_at	1AG 0.04
216306_x_at	1AG 0.03	222132_s_at	1AG 0.04
215357_s_at	1AG 0.03	203139_at	1AG 0.04
210776 x at	1AG 0.03	220941 s at	1AG 0.04
209143_s_at	1AG 0.03	214531 s at	1AG 0.04
201914 s at	1AG 0.03	203456 at	1AG 0.04
212782_x_at	1AG 0.03		
		212252_at	1AG 0.04
217734_s_at	1AG 0.03	202393 <u>s</u> at	1AG 0.04
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208861 s at	1AG 0.03	207361 at	1AG 0.04
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202182 at	1AG 0.04		
		213056_at	1AG 0.04
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202292_x_at	1AG 0.04	206562_s_at	1AG 0.04
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219384_s_at	1AG 0.04	209853_s_at	1AG 0.04
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	1AG 0.04	220340_3_at 204202 at	1AG 0.04
219392 x at	1AG 0.04		
-17372_x_at	1AG 0.04	212869_x_at	1AG 0.04

212852_s_at	1AG 0.04	203734 at	1AG 0.04
202899 s at	1AG 0.04	207085_x_at	1AG 0.04
	1AG 0.04	204050 55	170 0 04
218049_s_at		204959_at 217789_at 212971_at	IAG 0.04
204771_s_at		217789 at	1AG 0.04
212969 x at	1AG 0.04	212971 at	1AG 0.04
203936 s at		217106 x at	176 0 04
201076_at	1AG 0.04	207697 x at	1AG 0.04
219292 at	1AG 0.04	214681 at	1AG N N4
219292_at 207122_x_at	170 0 04	211001_at	17.6 0.04
20/122_x_at	IAG 0.04	218661_at	IAG 0.04
202758 s at	1AG 0.04	214681_at 218661_at 203045_at 56829_at	1AG 0.04
209604 s at	1AG 0.04	56829 at	1AG 0.04
		202217	170 0 04
200889_s_at		203317_at	IAG 0.04
200696_s_at		207783_x_at	1AG 0.04 1AH 4.81e-05
202173 s at	1AG 0.04	212081 x at	1AH 4.81e-05
209685 s at		200044 ==	1AH 5.08e-05
		200044_ac	1AII 5.00e-05
213460_x_at			1AH 5.18e-05
209301_at	1AG 0.04	221096 s at	1AH 5.69e-05
222209 s at	1AG 0.04	212034 s at	1AH 1.06e-04
222209_s_at 213867_x_at	126 0 04	207630 8 2+	1AH 1.06e-04 1AH 1.64e-04
213007_X_ac	1AG 0.04	207630_S_at	IAH 1.046-04
201073_s_at			1AH 1.91e-04
208101_s_at	1AG 0.04	202062 s at	1AH 1.91e-04
201729 s at	1AG 0.04		1AH 2.06e-04
201729_s_at 219848_s_at	17.0 0.04		
219848_s_at	IAG 0.04	205298_s_at	1AH 2.1e-04
202025 <u>x</u> at	1AG 0.04	203839 s at	1AH 2.27e-04
222046_at	1AG -0.04	220659 s at	1AH 2.76e-04
201101 = a+	126 0 04		1AH 2.85e-04
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212380_at	IAG 0.04	221080_s_at	1AH 2.91e-04
217299 s at	1AG 0.04	206621 s at	1AH 3.0e-04
208812 <u>x</u> at	1AG 0.04		1AH 3.12e-04
203575 at	170 0 04		
203575_at	1AG 0.04		1AH 3.29e-04
211417_x_at 211160_x_at	IAG 0.04	200701_at	1AH 3.3e-04 1AH 3.31e-04
211160 x at	1AG 0.04	202322 s at	1AH 3.31e-04
204169 at	1AG 0.04	200055 at	1AH 3.41e-04
220525_s_at	1AG 0.04	212332_at	1AH 3.55e-04
219452_at	1AG 0.04	200759_x_at	1AH 3.59e-04
219452_at 200598_s_at	1AG 0.04	221519 at	1AH 3.59e-04 1AH 4.39e-04
219904_at	1AG 0.04	64486 at	1AH 4.49e-04
214542 at	170 0 04	001151+	1711 4.456 04
214543_x_at	IAG 0.04	201151_s_at	IAH 4.56e-04
220775_s_at	1AG 0.04	221498 at	1AH 4.61e-04
220775_s_at 204372_s_at	1AG 0.04	201211 s at	1AH 4.56e-04 1AH 4.61e-04 1AH 4.67e-04
205047_s_at	1AG 0 04	202014 at	1AH 4.81e-04
	1AG 0.04		1AH 4.98e-04
204193_at	1AG 0.04	202475 at	1AH 5.0e-04
212333 at	1AG 0.04	208127 s at	1AH 5.1e-04
201873_s_at	1AG 0.04	36994 at	1AH 5.24e-04
208591_s_at	1AG 0.04	209515_s_at	1AH 5.26e-04
202940_at	1AG 0.04	217911_s at	1AH 5.42e-04
208832 at	1AG 0.04	214496 x at	1AH 5.56e-04
216550 x at	1AG 0.04	201106 at	1AH 5.56e-04
204434_at	1AG 0.04	213151 <u>s</u> at	1AH 5.58e-04
221764 <u>a</u> t	1AG 0.04	202373 s at	1AH 5.97e-04
200714 x at	1AG 0.04	201556_s_at	1AH 6.06e-04
210054 at	1AG 0.04		1AH 6.27e-04
209675 <u>s</u> at	1AG 0.04		1AH 6.32e-04
211240_x_at	1AG 0.04	217931 at	1AH 6.64e-04
201846_s_at	1AG 0.04	209044 x at	1AH 6.75e-04
		<del>-</del> -	
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212931_at	1AG 0.04	м9793	1AH 6.97e-04
218149 s at	1AG 0.04	217939 s at	1AH 7.45e-04
207113 s at	1AG 0.04	212961 x at	1AH 7.74e-04
203578_s_at	1AG 0.04	216902 <u> </u>	1AH 7.8e-04
208671_at	1AG 0.04	209499 x at	1AH 7.81e-04
218188 s at	1AG 0.04	201872 s at	1AH 7.95e-04
211675 s at	1AG 0.04	214336 s at	1AH 8.07e-04
2110/J_S_aL	TUG O'OH	414336 S at	IAD 0.0/6-04

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206323_x_at	1AH 8.17e-04	202579_x at	1AH 2.333836e-03
220000 at	1AH 8.57e-04	210187 at	1AH 2.374945e-03
201240 s at	1AH 8.79e-04	201390_s_at	
		201390_S_at	1AH 2.40678e-03
217943_s_at	1AH 8.98e-04	220947_s_at	1AH 2.446344e-03
203262 s at	1AH 9.2e-04	213185 at	1AH 2.451967e-03
212404 s at	1AH 9.33e-04	215909 x at	
			1AH 2.489649e-03
211948_x_at	1AH 9.36e-04	632 at	1AH 2.510111e-03
203162 s at	1AH 9.38e-04	210338 s at	1AH 2.510447e-03
202647 s at	1AH 9.4e-04		
		204674_at	1AH 2.532299e-03
220408_x_at	1AH 9.64e-04	212819 at	1AH 2.532506e-03
213011 s at	1AH 9.81e-04	201070 x at	1AH 2.540944e-03
200049_at	1AH 9.99e-04		
		217814_at	1AH 2.548306e-03
202433_at	1AH 1.032391e-03	212899 at	1AH 2.578141e-03
212246 at	1AH 1.061817e-03	208610 s at	1AH 2.589557e-03
220371_s_at	1AH 1.076086e-03	204554 at	1AH 2.605118e-03
204387_x_at	1AH 1.100921e-03	217742_s_at	1AH 2.630281e-03
202841 x at	1AH 1.142776e-03	208003 s at	1AH 2.644008e-03
217903 at	1AH 1.155974e-03	207485 x at	1AH 2.650736e-03
200707 at	1AH 1.170017e-03		
		212456_at	1AH 2.678915e-03
200001_at	1AH 1.206512e-03	209852 x at	1AH 2.784473e-03
203055 s at	1AH 1.275228e-03	200634 at	1AH 2.785202e-03
214698 at	1AH 1.277253e-03	208363_s_at	
_		200303_S_at	1AH 2.79416e-03
215089_s_at	1AH 1.37965e-03	220132_s_at	1AH 2.838911e-03
201737 s at	1AH 1.397871e-03	218287 s at	1AH 2.851596e-03
217958 at	1AH 1.402409e-03	200753 x at	1AH 2.881376e-03
	1AH 1.424529e-03		
205921_s_at		209002_s_at	1AH 2.893392e-03
200796_s_at	1AH 1.434059e-03	214246 x at	1AH 2.924157e-03
201001 s at	1AH 1.434819e-03	202442 at	1AH 2.954902e-03
206748_s_at	1AH 1.473216e-03	201174 s at	
			1AH 2.986236e-03
221472_at	1AH 1.487701e-03	210948_s_at	1AH 2.988439e-03
209007 s at	1AH 1.570838e-03	203659_s_at	1AH 3.056346e-03
214773 x at	1AH 1.599299e-03	204864_s_at	1AH 3.06234e-03
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		220580_at	1AH 3.085114e-03
209241_x_at	1AH 1.673338e-03	$215227 \times at$	1AH 3.087278e-03
218250 s at	1AH 1.708811e-03	208800 at	1AH 3.100941e-03
208704 x at	1AH 1.755075e-03	218490 s at	1AH 3.101842e-03
214908_s_at	1AH 1.764647e-03	207186_s_at	1AH 3.107555e-03
210639_s_at	1AH 1.780565e-03	210818 s at	1AH 3.107949e-03
201698_s_at	1AH 1.78194e-03	213198_at	1AH 3.121459e-03
205335 s at	1AH 1.788501e-03	200660 at	
			1AH .3.159362e-03
208698_s_at	1AH 1.797558e-03	213507 <u> </u> s_at	1AH 3.171993e-03
218917_s_at	1AH 1.797685e-03	202742 s at	1AH 3.195616e-03
217781 s at	1AH 1.799191e-03	200760 <u>s</u> at	1AH 3.206042e-03
214369 s at	1AH 1.808523e-03	213700+	
		213708_s_at	1AH 3.220002e-03
200960_x_at	1AH 1.809744e-03	201182_s_at	1AH 3.237033e-03
203718 at	1AH 1.81334e-03	$208420 \times at$	1AH 3.237036e-03
205098 at	1AH 1.862791e-03	206710 s at	1AH 3.265669e-03
201299 s at	1AH 1.889336e-03		
		202691_at	1AH 3.266349e-03
203087_s_at	1AH 1.915197e-03	212550_at	1AH 3.284182e-03
218817 at	1AH 1.929522e-03	201090 x at	1AH 3.296247e-03
202298_at	1AH 1.951101e-03	200041 s at	1AH 3.310673e-03
202230_0			
202047_s_at	1AH 1.9702e-03	211072_x_at	1AH 3.341956e-03
201073_s_at	1AH 1.979403e-03	209274 s at	1AH 3.346408e-03
49077 at	1AH 2.027635e-03	202638 s at	1AH 3.371305e-03
218846 at	1AH 2.034446e-03	<b>— —</b>	
		209388_at	1AH 3.517622e-03
200806_s_at	1AH 2.035872e-03	214268_s_at	1AH 3.528264e-03
202979 s at	1AH 2.108364e-03	216997 x at	1AH 3.531333e-03
206254 at	1AH 2.122556e-03	207697 x at	1AH 3.614509e-03
204109_s_at	1AH 2.129863e-03	201945_at	1AH 3.635594e-03
221776_s_at	1AH 2.131976e-03	221483 s at	1AH 3.653082e-03
211416 x at	1AH 2.174786e-03	202428 x at	1AH 3.69354e-03
213446 s at	1AH 2.195027e-03		
		209102_s_at	1AH 3.734488e-03
201389_at	1AH 2.243542e-03	212286_at	1AH 3.765184e-03
202195 s at	1 N II O O SEE E C - O O	205411 at	1711 2 771645- 02
202193_S at	1AH 2.25556e-03	203411 at	1AH 3.771645e-03

201165 s at	1AH 3	.777546e-03	201032 at	1AH	5.716524e-03
202424 at		.798648e-03	214752 x at		5.725605e-03
202443 x at					
		.81239e-03	204971_at		5.739726e-03
208721_s_at		.833304e-03	201425_at	1AH	5.771751e-03
202039_at	1AH 3.	.852019e-03	219119_at	1AH	5.821061e-03
209067 s at	1AH 3.	.897249e-03	202524 s at	1AH	5.884169e-03
217913 at		.913726e-03	202093 s at		5.892617e-03
214864 s at		.924689e-03	203095 at		
					5.89674e-03
200714_x_at		.987747e-03	205996_s_at		5.96618e-03
200843_s_at	1AH 3.	.993471e-03	202816_s_at		5.970092e-03
212674 s at	1AH 4.	.006902e-03	217780 at	1AH	6.023683e-03
202209 at	1AH 4.	.023358e-03	210532 s at		6.044999e-03
221550 at		.04064e-03	217787_s_at		6.057369e-03
203322 at		.083446e-03			
			201225_s_at		6.058904e-03
222035_s_at		.202559e-03	215691_x_at		6.05935e-03
208909_at	1AH 4.	.216243e-03	207594_s_at	1AH	6.065375e-03
215739_s_at	1AH 4.	.268406e-03	200861 at	1AH	6.073417e-03
33768 at	1AH 4.	.376498e-03	221419 s at		6.10644e-03
$21780\overline{1}$ at		.403061e-03	213038 at		6.128582e-03
219939 s at		.410518e-03	202215 s at		
					6.155271e-03
208735_s_at		.425718e-03	209667_at		6.233312e-03
211395_x_at		.431005e-03	215357_s_at	1AH	6.289516e-03
203261_at		.446614e-03	206470 at	1AH	6.297921e-03
201635 s at	1AH 4.	.457207e-03	203020 at	1AH	6.319318e-03
217898 at		.47796e-03	201557 at		6.410401e-03
217576_x_at		.493191e-03	219035_s_at		6.426541e-03
208447 s at					
		.493271e-03	212209_at		6.482727e-03
202292_x_at		.508012e-03	218251_at		6.491708e-03
219767_s_at		.510862e-03	209790_s_at	1AH	6.528971e-03
206471_s_at	1AH 4.	.563079e-03	212371 at	1.AH	6.711204e-03
202024 at	1AH 4.	.609807e-03	217918 at		6.763332e-03
205105 at	1AH 4.	.610081e-03	205078 at		6.870152e-03
206877 at		.635789e-03	215706 x at		6.906864e-03
201800_s_at		.698618e-03	37028_at		6.942488e-03
40446_at		.699378e-03	213115_at		6.946342e-03
203635_at	1AH 4.	.791889e-03	204790_at	1AH	6.974779e-03
211299_s_at	1AH 4.	.803824e-03	201915 at	1AH	6.98576e-03
200709 at	1AH 4.	.858917e-03	221006 s at	1AH	7.04673e-03
211571 s at		.864898e-03	203689_s_at		7.051383e-03
36564 at		.875345e-03	203727 at		7.064787e-03
211716 x at		.880796e-03			
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210212_x_at		.927434e-03	211581_x_at		7.264798e-03
212305_s_at		.959294e-03	200896_x_at	1AH	7.297037e-03
203258_at	1AH 4.	.972352e-03	208974 x at	1AH	7.307482e-03
200623 s at	1AH 4.	.982065e-03	215415 s at	1AH	7.345598e-03
214494 s at	1AH 5.	.021605e-03	220761 s at		7.362133e-03
213971 s at		.069383e-03	200601_at		7.370191e-03
201441 at		.100657e-03			
			201399_s_at		7.372304e-03
204152_s_at		.128393e-03	205026_at		7.397497e-03
208290_s_at		.144716e-03	204725_s_at	1AH	7.403538e-03
201259_s_at	1AH 5.	.317075e-03	218221 at	1AH	7.410858e-03
208678 at	1AH 5.	.340892e-03	213160 at	1AH	7.454883e-03
200925 at		.353137e-03	203247 s at		7.461006e-03
201715 s at		.353527e-03	204480 s at		
					7.463126e-03
204789_at		.379127e-03	221826_at		7.537187e-03
208351_s_at		.418216e-03	207574_s_at		7.539593e-03
208663_s_at		.436713e-03	201336_at	1AH	7.557723e-03
204246 s at	1AH 5.	.4578e-03	217923 at		7.612657e-03
207760 s at		.482191e-03	208248 x at		7.677449e-03
36129 at		.537105e-03	201725 at		7.680989e-03
218357 s at			_		
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200964_at		.605257e-03	206184_at		7.697946e-03
214132_at		.679743e-03	217725_x_at		7.710502e-03
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213076_at
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37796 at
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204773 at
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200045 at
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201651 s at
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206011 at
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209332_S_at	1AH 0.01	221222_s_at	1AH 0.01
200664_s_at	IAH 0.01	206138_s_at	1AH 0.01
214658_at	1AH 0.01	212543_at	1AH 0.01
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44146 at	1AH 0.01	210387 at	1AH 0.01
$20123\overline{5}$ s at	1AH 0.01	212495 at	1 A H O O 1
201082 s at	1 A H O O O 1	208284 × 2+	1711 0.01
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	1AH U.U1	206/92_x_at	1AH 0.01
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221638_s_at	1AH 0.01	201369_s_at	1AH 0.01
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202725 at	1AH 0 01	212762 6 2+	1AH 0.01
221610 0 2+	170 0.01	212/02_5_dt	1AH U.UI
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219186_at	1AH 0.01	208686_s_at	1AH 0.01
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218011 at	1AH 0.01	<del></del>	
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		•	

203176 s at	1AH 0.01	201736 s at	1 A H O O 1
221269 s at	1AH 0.01	201750_5_dc	1AH 0.01
222175 s at	1AH 0.01	208819 at	1AH 0.01
35617 at	1AH 0.01	2019_dc	124 0.01
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$211070^{-}$ x at	1AH 0.01	203102 s at	1AH 0.02
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212641 at	1AH 0.01	218346 e a+	1AH 0.02
209669 s at	1AH 0.01	213291 e a+	1711 0.02
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214574_x_at 214318_s_at 212566_at 202531_at	1AH 0.01	202001_at	1AH 0.02
214318 s at	1AH 0.01	202011 at	121 0.02
212566 at	1AH 0.01	202011_dc 202547 s at	1AH 0.02
202531 at	1AH 0.01	20147_3_dc	1AH 0.02
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219053 s at	1AH 0.01	202220_dt	1AH 0.02
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203306 s at	1AH 0.01	219020 at	1AH 0.02
210916 s at	1AH 0.01	204192 at	1AH 0.02
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203183 s at	1AH 0.01	212643 at	1AH 0.02
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221220 s at	1AH 0.01	201782 s at	1AH 0.02
217956 s at	1AH 0.01	205548 s at	1AH 0.02
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44702 at	1AH 0.01	38964 r at	1AH 0.02
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201921_at	1AH 0.02	220933_s_at	1AH 0.02
209814_at	1AH 0.02	208855_s_at	1AH 0.02
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205716 at	1AH 0.02	218096 at	1AH 0.02
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91952 at	1AH 0.02	219885 at	1AH 0.02
205585 at	1AH 0.02	203748 x at	1AH 0 02
202736 s at	1AH 0.02	203925 at	1AH 0 02
207163 s at	1AH 0.02	217791 s at	1AH 0.02
207339 s at	1AH 0 02	202119 s at	1 A H O O O 2
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213626 at	1AH 0.02	210004_K_ac	1AH 0.02
200033 at	1AH 0 02	203370_3_ac	1AH 0.02
203314 at	1AH 0.02	213735 s at	1AH 0.02
201864 at	1AH 0.02	213733_8_dc	1AH 0.02
204923 at	1AH 0.02	206000_B_dc	1AH 0.02
212241_at 203239_s_at 209993_at 208082_x_at 213626_at 200033_at 203314_at 201864_at 204923_at 202783_at 200632_s_at 200645_at 211665_s_at 200020_at	1AH 0.02	218255_s_at 218718_at 203342_at 203534_at 212742_at 219242_at 219242_at 202636_at 217852_s_at 202020_s_at 217269_s_at 220933_s_at 208855_s_at 204546_at 203675_at 203801_at 218096_at 218602_s_at 209885_at 203748_x_at 203925_at 217791_s_at 203119_s_at 202119_s_at 202119_s_at 203925_at 217791_s_at 202119_s_at 203925_at 217791_s_at 20119_s_at 201868_at 201786_s_at 201786_s_at 201786_s_at 201786_s_at 201786_s_at 2017858_s_at 2018521_s_at 202166_s_at 202166_s_at 202186_s_at 202186_s_at	1AH 0.02
200632 s at	1AH 0.02	203922 s at	1AH 0.02
200645 at	1AH 0.02	214037 s at	1AH 0.02
211665 s at	1AH 0.02	218367 x at	1AH 0.02
	1AH 0.02	201446 s at	1AH 0.02
206006 s at	1AH 0.02	203175 at	1AH 0.02
202140 s at	1AH 0.02	218521 s at	1AH 0.02
206006_s_at 202140_s_at 215596_s_at	1AH 0.02	202166 s at	1AH 0.02
201433 s at	1AH 0.02	212310 at	1AH 0.02
203793 x at	1AH 0.02	212359 s at	1AH 0.02
218065 s at	1AH 0.02	57715 at	1AH 0.02
210236 at	1AH 0.02	209186 at	1AH 0.02
200980 s at	1AH 0.02	91816 f at	1AH 0.02
207793 s at	1AH 0.02	$21871\overline{1}$ s at	1AH 0.02
221903 s at	1AH 0.02	202258_s_at	
200048 s at	1AH 0.02	221381_s_at	1AH 0.02
202049 s at	1AH 0.02	209272 at	1AH 0.02
214697_s_at	1AH 0.02	218238_at	1AH 0.02
200900 s at	1AH 0.02	218467 at	1AH 0.02
201307_at	1AH 0.02	218989 x at	
202087 s at	1AH 0.02	204224_s_at	1AH 0.02
206451 at	1AH 0.02	212817 at	1AH 0.02
203433 at	1AH 0.02	220760 x at	1AH 0.02
220044 x at	1AH 0.02	205811 at	1AH 0.02
208854 s at	1AH 0.02	203442_x_at	1AH 0.02
204033 at	1AH 0.02	202104 s at	1AH 0.02
201696 at	1AH 0.02	202104_3_dt 217727 x at	1AH 0.02
203373 at	1AH 0.02	207936 x at	1AH 0.02
213357 at	1AH 0.02	207330_ <u>X_a</u> t	1AH 0.02
635 s at	1AH 0.02	213892 s at	
201327_s_at	1AH 0.02	218226 s at	1AH 0.02
201457 x at		201685 s at	1AH 0.02
· · _ · · _ ·	<b></b>	201000_3_ac	11111 0.02

202052+	17" 0 00	004450	
203853_s_at	IAH 0.02	204153_s_at	1AH 0.03
243 g at	1AH 0.02	219066 at	1AH 0.03
201/22 at	1 2 1 0 0 2	22222 7 25	1711 0 02
201422_00	1A11 0.02	55525_1_at	IAH 0.03
203831_at	IAH 0.02	208718 at	1AH 0.03
211987 at	1AH 0.02	213528 at	1AH 0.03
205436 s at	1 ል ዘ በ በ በ 2	200146 2 25	1711 0.00
200430_5_46	1711 0.02	200140_S_at	IAH 0.03
209534_X_at	1AH U.U2	210658_s_at	1AH 0.03
207313 x at	1AH 0.02	201040 at	1AH 0.03
202777 at	1AH 0.02	217216 v at	1711 0 03
211002+	1711 0 02	217210_x_ac	1711 0.05
211962_x_at	IAH 0.02	2039/0_s_at	TAH 0.03
213571_s_at	1AH 0.02	217827 s at	1AH 0.03
203457 at	1AH 0.02	221190 s at	1AH 0.03
203853_s_at 243_g_at 201422_at 203831_at 211987_at 205436_s_at 209534_x_at 207777_at 211982_x_at 213571_s_at 203457_at 202484_s_at 202822_at 222343_at 202249_s_at 218438_s_at 210574_s_at 211729_x_at 210076_x_at	1 A H O O O 2	219465 2+	1711 0.03
202404_3_ac	1AH 0.02	210403_at	TAH 0.03
202822_at	IAH U.U2	202061_s_at	1AH 0.03
222343 at	1AH 0.02	209895 at	1AH 0.03
202249 s at	1AH 0.02	205189 s at	1AH 0 03
218438 8 3+	174 0 02	200203_0_40	1711 0.00
210430_3_ac	1AH 0.02	200000_x_at	TAH 0.03
2105/4_s_at	IAH 0.02	213557_at	1AH 0.03
211729 x at	1AH 0.02	206332 s at	1AH 0.03
210076 x at	1AH 0.02	210734 x at	124 0 03
220173 at	174 0 02	210704_K_ac	1AH 0.03
220173_ac	1AH 0.02	21///9_s_at	TAH 0.03
220832_at	1AH 0.02	219813_at	1AH 0.03
210076_x_at 220173_at 220832_at 208693_s_at	1AH 0.02	221255 s at	1AH 0.03
218136_s_at	1AH 0.02	218208 at	1211 0 03
210066 " 25	1711-0.02	210200_ac	1AH 0.03
219966_x_at 201132_at 209526_s_at	IAH 0.02	21/916_s_at	TAH 0.03
201132_at	1AH 0.02	217208_s_at	1AH 0.03
209526 s at	1AH 0.02	218032 at	1AH 0.03
211159_s_at	1AH 0.02	209247 s at	1 M H O O O O O
201272_at	174 0 02	200247_3_ac	1AH 0.03
2012/2_ac	IAN 0.02	200853_at	TAH 0.03
212199_at 205885_s_at 209517_s_at	1AH 0.02	219809_at	1AH 0.03
205885 s at	1AH 0.02	204473 s at	1AH 0.03
209517 s at	1AH 0.02	205400 at	1 A H O O 3
218884 s at	174 0 03	200400_ac	17H 0.03
	IAH 0.03	200618_at	IAH U.U3
203377_s_at	1AH 0.03	212773_s_at	1AH 0.03
200810 s at	1AH 0.03	212124 at	1AH 0.03
200810_s_at 208815_x_at	1AH 0.03	211228 s at	1AH 0 03
200777 s at	174 0 03	214001	1711 0.00
	1AH 0.03	214091_S_at	IAH U.U3
204490_s_at	1AH 0.03	202059_s_at	1AH 0.03
217992_s_at	1AH 0.03	210057 at	1AH 0.03
217992_s_at 71933_at 212519_at	1AH 0.03	208898_at	1AH 0.03
212519 at	1ልዛ በ በ3	218097 s at	1711 0.03
200607 at	1AH 0.03	210097_5_at	1AH 0.03
200697_at	IAH 0.03	214/84_x_at	TAH 0.03
203905_at	1AH 0.03	202572_s_at	1AH 0.03
204588 s at	1AH 0.03	200871 s at	1AH 0.03
<del></del>	1AH 0.03	212665 at	1 A H O O G
	1AH 0.03	212005_at	17H 0.03
	1711 0.03	204153_s_at 219066_at 33323_r_at 208718_at 208718_at 213528_at 210658_s_at 210658_s_at 201040_at 217216_x_at 203970_s_at 217827_s_at 221190_s_at 218465_at 202061_s_at 209895_at 205189_s_at 205189_s_at 206332_s_at 217779_s_at 219813_at 217255_s_at 219813_at 217208_s_at 218032_at 209247_s_at 209247_s_at 209247_s_at 209247_s_at 209247_s_at 209259_s_at 210057_at 208898_at 211228_s_at 214091_s_at 20259_s_at 210057_s_at 20898_s_at 214091_s_at 202572_s_at 202626_s_at 201999_s_at 204411_at 218115_at 208992_s_at 204411_at 218115_at 208992_s_at 201361_at 214813_at 202522_at	TAH U.U3
	1AH 0.03	204411_at	1AH 0.03
	1AH 0.03	218115 at	1AH 0.03
221580 s at	1AH 0.03	208892 s at	1AH 0.03
	1AH 0.03	207104 a.t	1711 0.00
	1AH 0.03	20/104_x_at	1AH U.U3
	1AH 0.03	212262_at	1AH 0.03
212107_s_at	1AH 0.03	202626 s at	1AH 0.03
205305 at	1AH 0.03	201361 at	1AH 0.03
221484 at	144 0 03	214813_at	1AH 0.03
	170 0 03	214013_at	170 0.03
	1AH 0.03	202522_at	1AH 0.03
	1AH 0.03	213603_s_at	1AH 0.03
	1AH 0.03	209864 <u>a</u> t	1AH 0.03
	1AH 0.03	209095 at	
		209095_at	1AH 0.03
	1AH 0.03	203775_at	1AH 0.03
220158_at	1AH 0.03	205566 at	1AH 0.03
201484 at		200990 at	1AH 0.03
	1AH 0.03	200330_at 203897_at	
210750	1AU 0.03		1AH 0.03
218750_at	1AH 0.03		1AH 0.03
221821_s_at	1AH 0.03	200779_at	1AH 0.03

211962_s_at	1AH 0.03	219503 s at	1AH 0.03
206571	174 0 02	212024	1711 0 00
206571_s_at 219444_at 202199_s_at 213360_s_at 212516_at 31845_at	IAH 0.03	213034_ac	IAH 0.03
219444 at	1AH 0.03	218193 s at	1AH 0.03
202199 - 2+	174 0 03	212226 2+	1711 0 02
202199_S_ac	IAH 0.03	213226_at	IAH 0.03
213360 s at	1AH 0.03	220642 x at	1AH 0.03
212516	170 0 03	210209 at	1711 0 00
212316_at	IAH 0.03	210208_x_at	TAH 0.03
31845 at	1AH 0.03	209384 at	1AH 0.03
41160	174 0 00	205001_40	17.11 0.05
4116U_at	IAH 0.03	205132_at	TAH 0.03
41160_at 204436_at 222011_s_at	1AH 0.03	218866 s at	1AH 0 03
000011	174 0 00	210000	17
222011_s_at	IAH U.U3	20005/_s_at	TAH 0.03
211561 x at	1AH 0.03	218577 at	1AH 0 03
	1711 0 00	22001-00	17.2 0 00
203621_at	IAH 0.03	221014_s_at	TAH 0.03
202381_at 215707_s_at 211924_s_at	1AH 0.03	207121 s at	1 A H O O 3
215707	174 0 00	207222_0_0	1722 0 0 0
215/0/_S_at	IAH 0.03	20244/_at	IAH 0.04
211924 s at	1AH 0.03	35265 at	1AH 0.04
210056	1711 0 03	011076	1711 0.01
218056 <u>a</u> t	IAH U.U3	2113/6_s_at	IAH 0.04
214430 at	1AH 0.03	217800 s at	1AH 0.04
212662 2+	1717 0 02	010535	1711 0 04
212663_ac	IAH U.U3	219535_at	IAH U.U4
209421 at	1AH 0.03	203147 s at	1AH 0.04
202504-2+	1 7 11 10 10 2	010175	1711 0 04
202394_at	IAH 0.03	2101/5_ac	IAH U.U4
214430_at 212663_at 209421_at 202594_at 202110_at 209606_at 209456_s_at 201234_at	1AH 0.03	210648 x at	1AH 0.04
209606 at	1 7 11 0 0 0 3	206405 7 2+	174 0 04
209000_ac	IAH 0.03	206405_x_ac	IAH U.U4
209456 s at	1AH 0.03	218913 s at	1AH 0.04
201234 at	1 እ ዘ በ በ 3	221605 5 2+	1711 0 04
201234_ac	1A1 0.05	221093_S_ac	IAH 0.04
211685_s_at	1AH <sup>-</sup> 0.03	201168 x at	1AH 0.04
207842 s at	1 ልዙ በ በ3	203914 v at	174 0 04
20,042_5_40	17111 0:05	203314ac	IMI U.U4
219452_at	1AH 0.03	214975 s at	1AH 0.04
37943 at	1AH 0.03	211746 v at	124 0 04
202074 +	1711 0 00	211,10	17111 0.04
2028/4_s_at	1AH 0.03	212403_at	IAH 0.04
218371 s at	1AH 0.03	218519 at	1AH 0.04
210266 -+	1711 0 03	220323_46	1711 0.01
219266_at	IAH 0.03	202423_at	IAH 0.04
211685_s_at 207842_s_at 219452_at 37943_at 202874_s_at 218371_s_at 219266_at 218061_at 218360_at 210740_s_at 218447_at 212016_s_at 201322_at 222163_s_at	1AH 0.03	210458 s at	1AH 0.04
218360 at	1 አዛ በ በ3	212646 25	170 0 04
210300_ac	IAN 0.05	212046_at	IAH 0.04
210740_s_at	1AH 0.03	201432 at	1AH 0.04
218447 at	1ልዘ በ በ3	201828 - 3+	174 0 04
210117_00	17.11 0.05	201020_x_ac	IAII 0.04
212016_s_at	IAH 0.03	221904 at	1AH 0.04
201322 at	1AH 0.03	203836 s at	1
202022_0	1711 0 03	203030_5_40	17111 0.04
222163_s_at	IAH 0.03	214/91_at	IAH 0.04
222163_s_at 206652_at 201031_s_at 212839_s_at	1AH 0.03	211230 s at	1AH 0.04
201021 0 2+	מתו	210520	1717 0 04
201031_s_ac	IAH 0.03	21852U_at	IAH 0.04
212839 s at	1AH 0.03	201541 s at	1AH 0.04
46256 at	1AH 0.03	209678 = =+	124 0 04
	17.11 0.00	219503_s_at 213034_at 218193_s_at 218193_s_at 213226_at 220642_x_at 210208_x_at 209384_at 205132_at 218866_s_at 200057_s_at 218577_at 221014_s_at 207121_s_at 20147_s_at 219535_at 211376_s_at 211376_s_at 211976_s_at 211976_s_at 211975_s_at 211975_s_at 211975_s_at 211746_x_at 211746_	IAH 0.04
203419_at	1AH 0.03	217751_at	1AH 0.04
217917 s at	1AH 0.03	203529 at	1AH 0.04
219843 at	1711 0 02	010023_4	1711 0.01
	1AH 0.03	218037_at	1AH 0.04
210149 s at	1AH 0.03	218632 at	1AH 0.04
	1AH 0.03		
		206222_at	1AH 0.04
203643 at	1AH 0.03	214472_at 219620_x_at	1AH 0.04
201478 s at	1AH 0.03	210620 7 2+	170 0 04
		213020_x_at	IAN 0.04
218171 at	1AH 0.03	208982 at	1AH 0.04
210732 s at	1AH 0.03	217718 s at	
203652_at	1AH 0.03	200786_at	1AH 0.04
210629 x at	1AH 0.03	214119 s at	1AH 0.04
218217_at	1AH 0.03	203943_at	1AH 0.04
202771 at	1AH 0.03	201859 at	1AH 0.04
201817_at		219774 <u>a</u> t	1AH 0.04
216071 x at	1AH 0.03	211913 s at	1AH 0.04
	1AH 0.03	202383_at	1AH 0.04
$207131 \times at$	1AH 0.03	215000 s at	1AH 0.04
207057 at	1AH 0.03	204370 at	
			1AH 0.04
200898_s_at	1AH 0.03	210213_s_at	1AH 0.04
212408 at	1AH 0.03	205546 s at	1AH 0.04
	1AH 0.03	221938_x_at	1AH 0.04
208750 s at	1AH 0.03	201861 s at	1AH 0.04

211202 s at	1AH 0.04	218091 at	1AH 0.04
217826 s at	1AH 0 04	201942 s at	174 0 04
218580 x at	1711 0 04	201712_0_40	1711 0.04
	IAH 0.04	204155_s_at	IAH 0.04
219015_s_at	1AH 0.04	212930_at	1AH 0.04
212323 s at	1AH 0.04	204197 s at	1AH 0.04
212323_s_at 217370_x_at	1AH 0.04	220305 at	1 A H O O A
202449 s at	174 0 04	217475 0 0+	1711 0.04
	1AH 0.04	21/4/3_5_dc	IAR 0.04
217720_at	1AH 0.04	211085_s_at	1AH 0.04
205322_s_at	1AH 0.04	212860 at	1AH 0.04
207668_x_at 211025_x_at	1AH 0.04	201317 s at	1AH 0.04
211025 x at	1AH 0.04	202511 s at	1AH O O4
202964_s at	124 0 04	212747 2+	1711 0.04
	1711 0.04	212/4/_ac	IAH 0.04
204542_at	1An 0.04	221205_at	IAH 0.04
204417_at 203470_s_at 212008_at	1AH U.04	210142_x_at	1AH 0.04
203470_s_at	1AH 0.04	204313_s_at	1AH 0.04
212008 at	1AH 0.04	219185 at	1AH 0.04
211575_s_at	1AH 0.04	221849 s at	1AH 0 04
202853_s_at 45749_at 210235_s_at	1AH 0 04	206513 at	170 0.01
45749 at	170 0.04	200313_ac	1AH 0.04
43743_ac	1AH 0.04	201089_at	IAH 0.04
210235_s_at	IAH 0.04	208628_s_at	1AH 0.04
215222_x_at	1AH 0.04	209414_at	1AH 0.04
217865 at	1AH 0.04	217938 s at	1AH 0.04
217489 s at	1AH 0.04	215785 s at	1AH 0 04
52651 at	1AH 0 04	200320 2 2+	1711 0.04
217865_at 217489_s_at 52651_at 218854_at	1711 0.04	209329_X_at	1AH 0.04
2100J4_at	1AH 0.04	2198/8_s_at	IAH 0.04
209635_at 203253_s_at 219146_at 218425_at	IAH 0.04	216205_s_at	1AH 0.04
203253_s_at	1AH 0.04	202978_s_at	1AH 0.04
219146_at	1AH 0.04	219679 s at	1AH 0.04
218425 at	1AH 0.04	202101 s at	1AH 0.04
207764 s at	1AH 0.04	218607 s at	1211 0.01
214544_s_at 208478_s_at 210878_s_at	124 0 04	217025	1AH 0.04
200470 0 0	1711 0.04	217025_S_at	1AH 0.04
2004/0_S_at	1AH 0.04	203654_s_at	1AH 0.04
210878_s_at	1AH 0.04	200812_at	1AH 0.04
207223_s_at	1AH 0.04	205988 at	1AH 0.04
203387 s at	1AH 0.04	204613 at	1AH 0.04
214666 x at	1AH 0.04	218256 s at	1AH 0 04
203387_s_at 214666_x_at 219761_at	1AH 0 04	202943 c at	174 0.04
202290 at	17111 0.04	202343_5_at	1AH 0.04
202230_at	1AH 0.04	213/43_at	IAH U.U4
201//2_at	IAH 0.04	204185_x_at	1AH 0.04
202290_at 201772_at 212420_at 200011_s_at	1AH 0.04	208917_x_at	1AH 0.04
200011_s_at	1AH 0.04	202990 at	1AH 0.04
204669 s at	1AH 0.04	218091_at 201942_s_at 201942_s_at 204155_s_at 212930_at 204197_s_at 220305_at 217475_s_at 211085_s_at 211085_s_at 2112860_at 201317_s_at 202511_s_at 212747_at 221205_at 210142_x_at 219185_at 219185_at 221849_s_at 201089_at 208628_s_at 209414_at 217938_s_at 209414_at 217938_s_at 209329_x_at 219878_s_at 209329_x_at 219878_s_at 219679_s_at 20978_s_at 20101_s_at 219679_s_at 202101_s_at 219679_s_at 202101_s_at 219679_s_at 202978_s_at 20297	1AH 0.04
205627 at	1AH 0.04	209231_s_at	1 A H O O A
	1AH 0 04	203080 s at	1AH 0.04
211584_s_at 204131 s_at	17111 0.04		
204131_5_at	1AH 0.04	211048_s_at	1AH 0.04
	1AH 0.04	202584_at	1AH 0.04
209296_at	1AH 0.04	209457 <u>a</u> t	1AH 0.04
220924_s_at		202809 s at	1AH 0.04
211015 s at		217824_at	1AH 0.04
219155 at	1AH 0.04	218582 at	1AH 0.04
211043 s at		206613_s_at	
			1AH 0.04
212207_at	1AH 0.04	200935_at	1AH 0.04
64432_at	1AH 0.04	200042 <u>a</u> t	1AH 0.04
213128_s_at	1AH 0.04	202167 s at	1AH 0.04
203579 s at	1AH 0.04	216593 s at	1AH 0.04
219040 at	1AH 0.04	221267_s at	1AH 0.04
219860_at	1AH 0.04	202033 s at	
210000_at			1AH 0.04
218889_at 212281_s_at	171 0.U4	218950_at	1AH 0.04
	IAH 0.04	201255_x_at	1AH 0.04
202592_at		220307_at	1AH 0.04
213940 s at	1AH 0.04	207408 at	1AH 0.04
202781 s at		212702 s at	1AH 0.04
	1AH 0.04	209941_at	1AH 0.04
212919 at			
212919_ac	TUI 0.04	203155_at	1AH 0.04

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31837 at
              1AH 0.04
                                           213957 s at 1AI 4.92e-04
              1AH 0.04
207132_x_at
                                           214003 x at
                                                        1AI 4.92e-04
              1AH 0.04
200621_at
                                           214487 s at
                                                        1AI 4.92e-04
              1AH 0.04
206113_s_at
                                           212616 at
                                                        1AI 4.92e-04
214252 s at
              1AH 0.04
                                           212391 x at
                                                        1AI 4.92e-04
              1AI 9.7e-06
217829 s at
                                           217902_s_at
                                                        1AI 4.92e-04
207688 s at
              1AI 1.53e-05
                                           218173 s at
                                                        1AI 4.92e-04
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220399 at	1AI 7.243926e-03		1AI 7.243926e-03
218878 s at	1AI 7.243926e-03		
		1553542_at	1AI 7.243926e-03
219105_x_at	1AI 7.243926e-03	201580_s_at	1AI 7.243926e-03
219081_at	1AI 7.243926e-03	201248_s_at	1AI 7.243926e-03
212586_at	1AI 7.243926e-03	200870 at	1AI 7.243926e-03
214315 x at	1AI 7.243926e-03	201627 <sup>-</sup> s at	1AI 7.243926e-03
212335 at	1AI 7.243926e-03	200888 s at	1AI 7.243926e-03
214084_x_at	1AI 7.243926e-03	201665 x at	1AI 7.243926e-03
213875 x at	1AI 7.243926e-03		
		201197_at	1AI 7.243926e-03
214336_s_at	1AI 7.243926e-03	201859_at	1AI 7.243926e-03
213761_at	1AI 7.243926e-03	208615_s_at	1AI 7.308462e-03
212720_at	1AI 7.243926e-03	224250 s at	1AI 7.327924e-03
214470 at	1AI 7.243926e-03	213434 at	1AI 7.417291e-03
214263 x at	1AI 7.243926e-03	202019 s at	1AI 7.417291e-03
217747 s at	1AI 7.243926e-03	206167_s_at	1AI 7.417291e 03
218391 at			
	1AI 7.243926e-03	210875_s_at	1AI 7.441341e-03
217830_s_at	1AI 7.243926e-03	212451_at	1AI 7.472934e-03
217928_s_at	1AI 7.243926e-03	214545_s_at	1AI 7.480878e-03
204351_at	1AI 7.243926e-03	208118 x at	1AI 7.571203e-03
204739 at	1AI 7.243926e-03	215566 x at	1AI 7.571918e-03
204050_s_at	1AI 7.243926e-03	244509 at	1AI 7.589657e-03
223384_s_at	1AI 7.243926e-03		
221214 s at		1553992_s_at	
221214_S_at	1AI 7.243926e-03	202692_s_at	1AI 7.641423e-03
221503_s_at	1AI 7.243926e-03	214714_at	1AI 7.680185e-03
221700_s_at	1AI 7.243926e-03	222777 s at	1AI 7.73367e-03
221830 at	1AI 7.243926e-03	201345_s_at	1AI 7.749668e-03
223213_s_at	1AI 7.243926e-03	212227 x at	1AI 7.750535e-03
220953 s at	1AI 7.243926e-03	229500 at	1AI 7.78102e-03
210312 s at	1AI 7.243926e-03		
		235554_x_at	1AI 7.78102e-03
212251_at	1AI 7.243926e-03	204811_s_at	1AI 7.78102e-03
211998_at	1AI 7.243926e-03	200917_s_at	1AI 7.78102e-03
210568_s_at	1AI 7.243926e-03	226239 at	1AI 7.820747e-03
202021 x at	1AI 7.243926e-03	202150 s at	1AI 7.905232e-03
202164 s at	1AI 7.243926e-03	36936 at	1AI 7.952575e-03
202315 s at			
	1AI 7.243926e-03	217620_s_at	1AI 7.979239e-03
202345_s_at	1AI 7.243926e-03	216091_s_at	1AI 8.090565e-03
207223_s_at	1AI 7.243926e-03	218459 at	1AI 8.141286e-03
205078_at	1AI 7.243926e-03	231735 s at	1AI 8.202367e-03
206090 s at	1AI 7.243926e-03	212378 at	1AI 8.213787e-03
205632 s at	1AI 7.243926e-03	203796 s at	1AI 8.237354e-03
<u>-</u>		203,70_3_at	1111 0.23/3346 03

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217043 s at 1AI 8.242807e-03
                                           226489 at
                                                         1AI 0.01
208039_at
              1AI 8.253502e-03
                                           225090_at
                                                         1AI 0.01
                                           226144_at
212099 at
                                                         1AI 0.01
              1AI 8.302782e-03
219020_at
              1AI 8.382854e-03
                                           226001 at
                                                         1AI 0.01
                                                      1AI 0.01
1AI 0.01
226378_s_at 1AI 8.483884e-03
                                           242916_at
223318_s_at 1AI 8.567612e-03
                                           236023 at
218295_s_at 1AI 8.614589e-03
                                           52159 at
                                                         1AI 0.01
202343 x at 1AI 8.795528e-03
                                           236259 at
                                                         1AI 0.01
208955 at
              1AI 8.97061e-03
                                           238783 at
                                                          1AI 0.01
225981 at
              1AI 8.970993e-03
                                           238149 at
                                                          1AI 0.01
224731 at
              1AI 8.9882e-03
                                           230690 at
                                                          1AI 0.01
222794 x at 1AI 8.993381e-03
                                           AFFX-HUMGAPDH/
212581 x at 1AI 9.057814e-03
                                           M33197
                                                         1AI 0.01
207793 s at 1AI 9.062007e-03
                                           AFFX-HUMGAPDH/
1553702_at
              1AI 9.079516e-03
                                           M33197
                                                         1AI 0.01
209574 s at 1AI 9.090929e-03
                                           219317_at
                                                          1AI 0.01
201752_s_at 1AI 9.157947e-03
                                           219599_at
                                                          1AI 0.01
215667_x_at 1AI 9.277429e-03
                                           219260_s_at 1AI 0.01
200075_s_at 1AI 9.284497e-03
                                           219503_s_at
                                                          1AI 0.01
1565162_s_at 1AI 9.327777e-03
                                           219979_s_at
                                                          1AI 0.01
                                           212917_x_at
214697_s_at
222441 x at 1AI 9.351956e-03
                                                         1AI 0.01
210621 s at 1AI 9.356058e-03
                                                         1AI 0.01
                                           213849_s_at
213735_s_at
212384_at
              1AI 9.402908e-03
206188 at
                                                         1AI 0.01
218498 s at 1AI 9.523796e-03
                                                         1AI 0.01
204487 s at 1AI 9.552848e-03
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225466 at
              1AI 9.642475e-03
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204021_s_at 1AI 0.01
218177 at
              1AI 9.665742e-03
1552822_at
              1AI 9.682221e-03
201008 s at 1AI 9.800342e-03
210567_s_at 1AI 9.867525e-03
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200971 s at
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              1AI 9.995666e-03
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221229 s at
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211822_s_at
210873_x_at
210734_x_at
229264 at
              1AI 0.01
                                                         1AI 0.01
218430 s at 1AI 0.01
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203702 s at
              1AI 0.01
                                                         1AI 0.01
222605 at
              1AI 0.01
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                                           210734_x_at
212213_x_at
212175_s_at
212159_x_at
211023_at
210787_s_at
210985_s_at
211787_s_at
1553252 a at 1AI 0.01
                                                         1AI 0.01
218795 at
              1AI 0.01
                                                         1AI 0.01
204837 at
              1AI 0.01
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222527_s_at 1AI 0.01
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211927_x_at
              1AI 0.01
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206978 at
              1AI 0.01
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222989_s_at 1AI 0.01
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226298 at
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206020 at
              1AI 0.01
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                                                         1AI 0.01
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212055_at
              1AI 0.01
                                          · 202548_s_at
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              1AI 0.01
                                           203184_at
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218799_at 1AI 0.01
206050_s_at 1AI 0.01
                                           202195_s_at 1AI 0.01
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              1AI 0.01
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207543_s_at 1AI 0.01
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1553423_a_at 1AI 0.01
                                           206335 at
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221094_s_at 1AI 0.01
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1558924_s_at 1AI 0.01
                                           205288 at
                                                          1AI 0.01
209395_at
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                                           207180 s at 1AI 0.01
1554834_a_at 1AI 0.01
                                           209134 s at 1AI 0.01
206088_at
              1AI 0.01
                                           208601 s at 1AI 0.01
227421 at
              1AI 0.01
                                           207820 at
                                                          1AI 0.01
225309 at
              1AI 0.01
                                           209201_x_at
                                                          1AI 0.01
225818 s at 1AI 0.01
                                            208628 s at 1AI 0.01
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208834_x_at	1AI	0.01	1552628 a at	1AI	0.01
208934 s a+	1 A T	0 01	206527 2+	1 7\ T	0 01
200554_5_4	171	0.01	200321_ac	TUT	0.01
208934_s_at 200781_s_at 1558201_s_at	IAI	0.01	201824_at	1AI	0.01
1558201 s at	1AI	0.01	201075 s at	1AT	0.01
200018 at	1 h T	0 01	202073_5_4	1 7 7	0.01
200016_ac	TAT	0.01	202901_x_at	TAT	0.01
200711 <u>s</u> at	1AI	0.01	213084 x at	1AI	0.01
200722 <u>s</u> at	1 A T	0 01	207595 5 3+	1 7 T	0 01
		0.01	207365_S_ac	THI	0.01
1553570_x_at	IAI	0.01	217773 s_at	1AI	0.01
200779 at	1AI	0.01	205448 s at	1 A T	0 01
200935_at	1 7 T	0.01	200110_5_40	177	0.01
200935_at	THT	0.01	242163_at	TAT	0.01
201196_s_at	1AI	0.01	218466 at	1AI	0.01
201101 s at	1 A T	0 - 01	215561 e at	1 2\ T	0 01
201202_5_5	3 D T	0.01	215501_3_ac	177	0.01
201101_s_at 201003_x_at 201653_at	IAI	0.01	225551_at	1AI	0.01
201653 at	1AI	0.01	208308 s at	1AI	0.01
201896_s_at	1 N T	0 01	206402	1 7. T	0 01
		0.01	206493_at	THI	.0.01
201157_s_at	1AI	0.01	1570007 at	1AI	0.01
213939 s at	1AI	0.01	225965 at	1 A T	0.01
213939_s_at 207536_s_at 200848_at	1 A T	0 01	215004	1 7 T	0.01
207536_S_aL	IAI	0.01	215984_s_at	TAT	0.01
200848_at	1AI	0.01	230645 at	1AI	0.01
222616_s_at	1 A T	0 - 01	200066_at	1 A T	0 01
		0.01	200000_at	171	0.01
242520_s_at	TAT	0.01	207098_s_at	1AI	0.01
236006_s_at 213062_at	1AI	0.01	222542 x at	1AI	0.01
213062 at	1 A T	0 01	208610 7 2 2 5	1 7 T	0 01
213002_40	171	0.01	200010_S_at	THI	0.01
211506_s_at		0.01	209717_at	1AI	0.01
205471_s_at	1AI	0.01	220434 at	1AT	0.01
203890 = 3+	1 7 T	0 01	202011	177	0.01
203890_s_at 227856_at 203590_at	IAI	0.01	202811_at	IAI	0.01
227856_at	1AI	0.01	218363 at	1AI	0.01
203590 at	1AI	0.01	$155710\overline{3}$ a at	1 A T	0.01
211192 5 25	1 N T	0 01	2007205_4_4	1 7 7	0.01
211192_s_at	TAT	0.01	208185_x_at	IAI	0.01
1552899 at	1AI	0.01	224298 s at	1AI	0.01
1558549 s at	1 A T	0.01	200974 at	1 A T	0 01
204236 at		0 01	200374_40	177	0.01
		0.01	20//00_s_at	IAI	0.01
201883_s_at	1AI	0.01	223658 at	1AI	0.01
200608_s_at		0.01	216100 = a+	1 A T	0 01
201144 7 2 2 5	1 N T	0.01	210100_5_40	177	0.01
201144_S_aL	TAT	0.01	2203/5_s_at	IAI	0.01
201144_s_at 211746_x_at	1AI	0.01	202629 at	1AI	0.01
225864_at	1 A T	0.01	205594 at	1 7\ T	0 01
1553053 0+	1 7 T	0.01	203334_ac	1771	0.01
1553652_at	TAT	0.01	203834_s_at	1AI	0.01
1553852_at 207233_s_at 222792_s_at	1AI	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	1554667 s at	1AI	0.01
222792 s at	1 A T	0 01	200725 × 3+	1 7 T	0 01
219653_at	177	0.01	200723_X_ac	IAI	0.01
219655_at	IAI	0.01	218041_x_at	IAI	0.01
201473_at	1AI	0.01	211025 x at	1AI	0.01
155297 <del>6</del> at	1AT	0.01	206158_s_at	1 7\ T	0.01
238940_at	1 7 T	0.01	200130_3_ac	177	0.01
		0.01	204205_at	IAI	0.01
207974_s at	1AI	0.01	204145 at	1AI	0.01
1569472 s at	1AI	0.01	206240_s_at		0.01
1558249_s_at			229063_s_at		0.01
238427_at	1AI	0.01	218208 at	1AI	0.01
202024 at	1 A T	0.01			0.01
214938_x_at			200630 <u>x</u> at	lAI	0.01
227391_x_at	1AI	0.01	207556 s at	1AI	0.01
1552375 at	1 A T	0.01	207735_at		0.01
2002070_40	1 7 7	0.01			
223522_at	TAT	0.01	219350_s_at		0.01
203380 x at	1AI	0.01	234993_at	1AT	0.01
		0.01	218210 at		
					0.01
		0.01	217635_s_at	1AI	0.01
242487 at	1AI	0.01			0.01
205612_at	1 A T	0 01			
			2131//_S_at		0.01
227413_at			1555756_a_at	1AI	0.01
202600_s_at	1AI	0.01	1552519 at		0.01
		0.01			
			205171_at		0.01
		0.01	222806_s_at	1AI	0.01
1558233 s at	1AI	0.01	219091 s at		0.01
205547 s at		0.01	225053 at		
			223033_ac	TWT	0.01

212363_x_at	1AI 0.01	202706 s at	1AI 0.01
211911 x at	1AT 0 01	203243 e at	1 A T O O 1
222211	177 0 01	203243_3_40	171 0.01
222311_s_at	IAI 0.01	202924_s_at	TA1 0.01
212363_x_at 211911_x_at 222311_s_at 226122_at 225986_x_at 225986_x_at 225095_at 225563_at 225313_at 223583_at 236007_at 238825_at 242943_at 36030_at 233559_s_at 229553_at	1AI 0.01	206544 x at	1AI 0.01
225986 x at	1AI 0.01	204980 at	1AT 0.01
227465 at	1AT 0 01	207132 ** >+	171 0 01
227405_ac	1A1 0.01	20/132_X_at	IAI 0.01
225095_at	1A1 0.01	205026_at	1AI 0.01
225563 at	1AI 0.01	.205898 at	1AI 0.01
225313 at	1AT 0 01	205134 s at	1 A T O O 1
223513_46	177 0 01	205154_5_4C	171 0.01
223583_at	IAI 0.01	205321_at	IAI 0.01
236007_at	1AI 0.01	207085 x at	1AI 0.01
238825 at	1AI 0.01	206917 at	1AT 0.01
242943 at	1 A T O O O 1	200017_45	1711 0.01
242945_at	171 0.01	208042_at	IAI 0.01
36030_at	1A1 0.01	207988 <u>s</u> at	1AI 0.01
233559 s at	1AI 0.01	209034 at	1AI 0.01
229553 <u>at</u>	1AT 0.01	209055 s at	1AT 0 01
210017 at	171 0 01	200033_3_40	177 0.01
218817_at 220099_s_at 218732_at	IAI 0.01	2091//_at	TAI 0.01
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219787 s at	1 A T O O 1	1556285 8 3+	17T 0 01
2200707_5_40	171 0.01	1550205_5_ac	1AI 0.01
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219844 at	1AI 0.01	1555866 a at	1AT 0.01
218583 c at	1AT 0 01	1559600 2 2+	171 0 01
210303_3_ac	177 7 01	1550039_a_at	1A1 0.01
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213453_x_at 212407_at 213754_s_at	1AI 0.01	1554342 s at	1AI 0.01
212407 at	1AT 0.01	201533 at	1 A T 0 01
213754 6 25	1 N T O O O O 1	201000_4	171 0.01
213734_S_at	IAI 0.01	201009_S_at	IAI 0.01
214553 <u>s</u> at	IAI 0.01	201711_x_at	1AI 0.01
213915 at	1AI 0.01	201831 s at	1AI 0.01
213915_at 214201_x_at 212266_s_at	1AT 0.01	201401 s at	1AT 0 01
212266 2 2+	1 N T O O O O 1	201701_5_40	1711 0.01
2.12200_S_at	IAI 0.01	201201_at	IAI 0.01
212718_at	1AI 0.01	201299_s_at	1AI 0.01
217952_x_at	1AI 0.01	201550 x at	1AI 0.01
217845_x_at 217863_at	1AT 0.01	223831 x at	1AT 0 01
217963 at	1 N T O O O O 1	206694	171 0.01
217003_at	1A1 0.01	200084_S_at	IAI 0.01
217991_x_at	IAI U.UI	20181/_at	1AI 0.01
217965_s_at	1AI 0.01	215424 s at	1AI 0.01
218289_s_at 217978_s_at	1AI 0.01	202706_s_at 203243_s_at 202924_s_at 206544_x_at 204980_at 207132_x_at 205026_at 205898_at 205134_s_at 205321_at 207085_x_at 206917_at 208042_at 209034_at 209055_s_at 209034_at 209055_s_at 209077_at 209448_at 207941_s_at 1556285_s_at 1556285_s_at 1555869_a_at 15558699_a_at 15552291_at 1554342_s_at 201533_at 201009_s_at 201711_x_at 201831_s_at 201711_x_at 201831_s_at 201711_x_at 201831_s_at 201401_s_at 201299_s_at 201201_at 201299_s_at 201550_x_at 203831_x_at 2016684_s_at 201817_at 215424_s_at 201817_at 215424_s_at 201817_at 215424_s_at 201817_at 215424_s_at 201817_at 215424_s_at 201817_s_at 20474_s_at	1AT 0 01
217979 8 3+	171 0 01	200012	1711 0.01
217970_S_at	IAI 0.01	200012_x_at	IA1 0.01
217783_s_at	TAI 0.01	209791_at	1AI 0.01
217959_s_at	1AI 0.01	222848 at	1AI 0.01
218397_at	1AI 0.01	221677 <u>s</u> at	1AI 0.01
218040 at	1 N T O O O 1	207474 2+	171 0.01
204209 at	1A1 0.01	207474_at 1557322_at	1AI 0.01
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222982_x_at 221832_s_at	1A1 0.01	244413_at	1A1 0.01
221832_s_at	1A1 0.01	217786_at 217189_s_at	1AI 0.01
222891 s at	1AI 0.01	217189 s at	1AI 0.01
222464 s at	1AT 0.01		
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210172_at	1AI 0.01	204859_s_at	1AI 0.01
210172_at 210422_x_at	1AI 0.01	222436 s at	
210284 s at	1AT 0 01	1554588 a at	
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209593_s_at	1AI 0.01	212589 at	1AI 0.01
212130 x at	1AI 0.01	203816_at	1AI 0.01
212130_x_at 209684_at	1AT 0 01		
202004_80	177 0 01	221427_s_at	
202431_s_at	TAI U.UI	206943_at	1AI 0.01

207384_at	1AI	0.01	1555639 a at	1AI	0.02
205000 at	1AI	0.01	226505 x at	1 A T	0 02
202770+	1 N T	0.02	220303_x_ac	177	0.02
202776_S_at	IAI	0.02	201835_s_at	IAI	0.02
205821 at	1AI	0.02	212989 at	1AI	0.02
223487 x at	1 A T	0 02	202029 - 5+	1 A T	0 02
200410	1 7 7	0.02	202025_x_at	TMI	0.02
208410_x_at	IAI	0.02	222563_s_at	1AI	0.02
209778 at	1AI	0.02	1555728 a at	1AT	0.02
226012 at	1 A T	0 02	212005 0 25	1 7 T	0 02
220012_40	177	0.02	212095_S_at	TAT	0.02
206247_at	TAT	0.02	226707_at	1AI	0.02
216088 s at	1AI	0.02	200853 at	1AT	0.02
200898 s at	1 A T	0 02	208095 6 2+	1 A T	0.03
241027	1 A T	0.02	200093_s_ac	IMI	0.02
24102/_at	IAI	0.02	1554770_x_at	lAI	0.02
214519 s at	1AI	0.02	201123 s at	1AI	0.02
209875 s at	1AT	0.02	222821 = =+	1 2 T	0.02
205947 2+	1 7 T	0.02	212621_5_4	177	0.02
203047_at	TAT	0.02	2126/5_s_at	TAT	0.02
209192_x_at	1AI	0.02	45526 g at	1AI	0.02
218852 at	1AI	0.02	231973 s at	1 A T	0 02
206035 2+	1 A T	0.03	202050	1214	0.02
200035_at	THI	0.02	208050_s_at	IAI	0.02
221419_s_at	1AI	0.02	209711 at	1AI	0.02
235425 at	1AI	0.02	207253 s at	1AT	0.02
212526 at	1 A T	0.02	205034 at	1 N T	0.02
212320_ac	177	0.02	203934_at	TAT	0.02
219383_at	TAT	0.02	205241_at	1AI	0.02
202306 at	1AI	0.02	201417 at	1AI	0.02
210001 s at	1 A T	0.02	201211 6 2+	1 A T	0 02
20001_5_4	177	7.02	201211_S_ac	TWT	0.02
200822_x_at	TAT	0.02	221012_s_at	lAI	0.02
217740_x_at	1AI	0.02	238587 at	1AI	0.02
200038 s at	1AI	0.02	235179 at	1ΔΤ	0 02
222597 at	1 7 T	0.02	200175_4	1 7 7	0.02
222397_at	THI	0.02	209083_at	TAT	0.02
204946_s_at	IAI	0.02	228061_at	1AI	0.02
205409 at	1AI	0.02	224480 s at	1AI	0.02
220079 s at	1 A T	0.02	219313 6 2+	1 A T	0.02
210013_5_	1 7 T	0.02	210313_S_at	177	0.02
219613_at	TAT	0.02	213153_at	IAI	0.02
202334_s_at	1AI	0.02	201682 at	1AI	0.02
201059 at	1AI	0.02	222115 x at	1 A T	0.02
200797 s at	1 A T	0.02	212002 55	1 7 T	0.02
1555061	171	0.01 0.02 0.02 0.02 0.02 0.02 0.02 0.02	212963_at	TAT	0.02
1555961_a_at	IAI	0.02	219040_at	1AI	0.02
205411 at	1AI	0.02	208689 s at	1AI	0.02
232940 s at	1 A T	0.02	203536 g at	1 A T	0.02
330305 at	1 7\ T	0.02	200000_5_at	177	0.02
220303_at	TAT	0.02	22298U_at	TAT	0.02
209828_s_at	lAI	0.02	202147 s at	1AI	0.02
216711 s at	1AI	0.02	212380 at	1AT	0.02
219507 at	1 A T	0.02	200010 0 0#	1 A T	0.02
213307_46	171	0.02	200619_S_at	TAI	0.02
217687_at	IAI	0.02	202180_s_at	1AI	0.02
211553_x_at 214543_x_at	1AI	0.02	204081_at	1AI	0.02
214543 x at	1 A T	0 02	214868 at	1 7\ T	0 02
208270_s_at	1 7 T	0.02	214000_ac	177	0.02
			214868_at 213654_at 220669_at	TAT	0.02
219093_at			220669 at	1AI	0.02
1559034_at	1AI	0.02	222453 at	1 A T	0.02
203560 at	1 A T	0.02			
203300_at	177	0.02	1553271_at	IAI	0.02
1569607_s_at	1AI	0.02	224639_at 220924_s_at	1AI	0.02
203248 at	1AI	0.02	220924 s at	1AT	0.02
218373 at			47083 at	1 A T	0.03
200760	1711	0.02			
200760_s_at 213902_at	TAT	0.02	212194_s_at		
213902_at	1AI	0.02	235765_at		0.02
220038_at	1AT	0.02	225649 s at		
222788 s at			225047_3_40		
			225105_at		0.02
200914_x_at	1AI	0.02	227516 at	1AI	0.02
218570_at 227295_at 224823_at	1AI	0.02	223741_s_at		0.02
227295 at	1 <u>2</u> T	0.02			
224222_at	177	0.02	225997_at 224479_s_at	THI	0.02
224823_at	IAI	0.02	224479_s_at	1AI	0.02
226338 at	1AI	0.02	225367 at	1AI	0.02
218933 <u>a</u> t			224151 s at		
221/199 5 5+	1 7 7	0.02			
221499_s_at 219678_x_at	THI	0.02	225243_s_at		0.02
219678_x_at	lAI	0.02	225051 at	1AI	0.02
<del>_</del>			_		

006001	177 0 00			
226091_s_at	1A1 0.02	202241_at	1AI	0.02
226091_s_at 226267_at 225588_s_at 225434_at 226906_s_at 225283_at	1AI 0.02	202579 x at	1AI	0.02
225588 s at	1AT 0.02	203195 = 2+	1 A T	0 02
225434 2+	1 N T O O O O	203133_3_at	177	0.02
22J434_at	1A1 0.02	202066_at	IAI	0.02
226906_s_at	1AI 0.02	202299 s at	1AI	0.02
225283 at	1AI 0.02	203094 at	1AT	0.02
232149 s at	1AT 0.02	207168 6 2+	1 A T	0.02
220040 -	177 0 02	207100_5_at	TAT	0.02
229940_at	IAI 0.02	20/122_x_at	IAI	0.02
232149_s_at 229940_at 238356_at 234423_x_at	1AI 0.02	205187 at	1AI	0.02
$234423 \times at$	1AI 0.02	205807 s at	1 A T	0.02
241955_at	1AT 0 02	205269 2+	1 7 T	0.02
229905 2+	171 0.02	203209_ac	141	0.02
220005_at	IAI 0.02	20/350_s_at	IAI	0.02
228805_at 33646_g_at 241731_x_at 235479_at	1AI 0.02	206546 at	1AI	0.02
241731 x at	1AI 0.02	206483 at	1AT	0.02
235479 at	1AT 0 02	205554 5 2+	1 N T	0.02
	17T 0.02	2000077_5_8C	177	0.02
235001_at	1A1 0.02	2088//_at	TAT	0.02
235202_x_at	1AI 0.02	209058_at	1AI	0.02
235435 at	1AI 0.02	209423 s at	1AI	0.02
56256 at	1AI 0.02	209206 at	1 A T	0 02
218859 8 3#	1 N T O O O O	200200_45	177	0.02
210055_S_at	1A1 0.02	209089_at	TAT	0.02
212655_at	1A1 0.02	207857_at	1AI	0.02
235061_at 235202_x_at 235435_at 56256_at 218859_s_at 212655_at 212521_s_at 214698_at 214864_s_at	1AI 0.02	208485 x at	1AI	0.02
214698 at	1AI 0.02	209128 s at	1 A T	0 02
214864 s at	1 A T 0 02	200634 2+	1717	0.02
219009_5_ac	1AI 0.02	200634_at	TAT	0.02
212462_at 217737_x_at 217869_at 215157_x_at	IAI 0.02	1558014_s_at	1AI	0.02
217737_x_at	1AI 0.02	200083 at	1AI	0.02
217869 at	1AI 0.02	200031 s at	1AT	0.02
215157 x at	1AT 0 02	200773 v at	1 A T	0.02
217725	1711 0.02	200773_x_at	TAT	0.02
217725_x_at 217507_at 215930_s_at 216689_x_at	1A1 0.02	2006/4_s_at	TAT	0.02
21/507_at	1AI 0.02	1559052_s_at	1AI	0.02
215930 s at	1AI 0.02	200681 at	1AI	0.02
216689 x at	1AI 0.02	$155304\overline{3}$ a at	1 A T	0 02
215548_s_at	1 A T O O O O	2000010_4_46	1 7 T	0.02
213340_3_ac	1AI 0.02	200823_X_at	TAT	0.02
217941_s_at 218165_at 218134_s_at	IAI 0.02	200790_at	1AI	0.02
218165_at	1AI 0.02	200838 at	1AI	0.02
218134 s at	1AI 0.02	200006 at	1AI	0.02
203711 <u>s</u> at	1AT 0.02	201254 x at	1 A T	0 02
203658 2+	17T 0 02	201234_K_dt	177	0.02
203658_at 203603_s_at 203414_at	1MI 0.02	202241_at 202579_x_at 203195_s_at 203195_s_at 202066_at 202299_s_at 203094_at 207168_s_at 207122_x_at 205187_at 205807_s_at 205269_at 205269_at 207350_s_at 206546_at 206483_at 206546_at 209423_s_at 209423_s_at 209423_s_at 209423_s_at 209206_at 209089_at 207857_at 208485_x_at 209128_s_at 209128_s_at 200634_at 1558014_s_at 200083_at 2000773_x_at 200674_s_at 1559052_s_at 200674_s_at 1553043_a_at 200779_at 200823_x_at 200790_at 200838_at 200790_at 200838_at 200790_at 200838_at 200790_at 200838_at 201254_x_at 201254_x_at 201254_x_at 201351_s_at 201351_s_at 201351_s_at 201312_s_at 201368_at	TAT	0.02
203603_s_at	IAI 0.02	201646_at	1AI	0.02
203414_at	1AI 0.02	201138 s at	1AI	0.02
204161 <u>s</u> at	1AI 0.02	201351 s at	1 A T	0.02
203741_s_at	1AT 0.02	201312 s at	1 A T	0.02
203375 s at	1AI 0.02	201312_3_at	1771	0.02
	IAI 0.02	201151 <u>s</u> at	TAT	0.02
222613_at	1AI 0.02	201368_at	1AI	0.02
222717_at	1AI 0.02	201226 at	1AI	0.02
220566 at	1AI 0.02	<del>-</del>		0.02
222698_s_at				0.02
222000_5_40	171 0.02			
223228_at	1AI 0.02	221036_s_at	1AI	0.02
222235_s_at		212514 x at	1AI	0.02
210317_s_at	1AI 0.02	226759_at	1AI	0.02
	1AI 0.02			0.02
211022 s at				
211022_5_at	1AI 0.02			0.02
211271_x_at			1AI	0.02
209906_at	1AI 0.02	202631 s at	1AI	0.02
<b>—</b>	1AI 0.02			0.02
211824_x_at	1AI 0.02			
		210145_at		0.02
209537_at	1AI 0.02			0.02
211681_s_at		227932 at	1AI	0.02
211563 s at	1AI 0.02			0.02
	1AI 0.02	<del></del>		
				0.02
209456_s_at	1AI 0.02	218375_at		0.02
202054_s_at	1AI 0.02	228852_at	1AI	0.02
202057_at	1AI 0.02		1AI	0.02
202787 s at				0.02
		2011/1_00	747	5.02

0.41.205					
241385_at	TAT	0.02	206267_s_at	1AI	0.03
225428 s at	1AI	0.02	214030 at	1AT	0.03
200792 at	1 A T	0.02	218614 at	1 A T	0.03
241385_at 225428_s_at 200792_at 201288_at 236218_at 224088_at 206053_at 215838_at 200977_s_at 212136_at	1711	0.02	210014_at	TAI	0.03
201288_at	IAI	0.02	238692_at	1AI	0.03
236218_at	1AI	0.02	214971 s at	1AI	0.03
224088 at	1AT	0.02	212300 at	1 д т	0 03
206053 2+	1 A T	0.02	22200_40	1771	0.05
206053_ac	IAI	0.02	220888_s_at	IAI	0.03
215838_at	1AI	0.03	226238 at	1AI	0.03
200977 s at	1AI	0.03	226564 at	1 A T	0 03
212136 2+	1 7\ T	0.03	AREY HIMCARD	 	0.05
212130_at	IAI	0.03	AFFX-HUMGAPD	H/	
218968_s_at	TAT	0.03	M33197	1AI	0.03
214992 s at	1AI	0.03	219021 at	1AI	0.03
218968_s_at 214992_s_at 205214_at 200963_x_at	1 A T	0.03	206675 8 2+	1 A T	0 03
200211_40	1711	0.03	200075_S_ac	TAT	0.03
200963_x_at	TAT	0.03	1553192_at	IAI	0.03
1554577 <u>a</u> at		0.03	225274 at	1AI	0.03
208707_at	1AI	0.03	235216 at	1 A T	0.03
209608 - 2+	1 7\ T	0.03	201001 a at	1 7 T	0.00
200000_3_40	171	0.05	201091_S_at	IAI	0.03
209608_s_at 209523_at 202630_at	TAT	0.03	226019_at	lAI	0.03
202630 at	1AI	0.03	204122 at	1AI	0.03
203746 S at	1 A I	0.03	225788 at	1 A T	0 03
235056_at 202634_at 219598_s_at	1 N T	0.03	206562+	1 V T	0.03
233036_at	TAI	0.03	206562_s_at	TAT	0.03
202634_at	1AI	0.03	207686 s at	1AI	0.03
219598 s at	1AI	0.03	1554175 at	1AT	0.03
223887_at	1 A T	0 03	215035 25	1 A T	0.03
		0.05	213933_at	TAI	0.03
200869_at	TAT	0.03	215240_at	lAI	0.03
212184_s_at 204391_x_at 229789_at	1AI	0.03	202368 s at	1AI	0.03
204391 x at	1AI	0.03	221138 s at	1 A T	0.03
229789 at	1 7 T	0.03	1560700	127	0.05
225705_ac	177	0.03	1300/00_at	TAT	0.03
225517_at 221478_at 201453_x_at 220171_x_at	IAI	0.03	41577_at	1AI	0.03
221478 at	1AI	0.03	215092 s at	1AI	0.03
201453 x at	1AT	0.03	204004 at	1 A T	0 03
220171	1 7 T	0.03	201001_4	177	0.03
220171_X_at	TUT	0.03	201654_S_at	IAI	0.03
220232 at	TAT	0.03	225127_at	1AI	0.03
1552664 at	1AI	0.03	205488 at	1AI	0.03
1552664_at 216993_s_at 203676_at	1AT	0.03	207236 at	1 2\ T	0 03
203676 at	1 A T	0.03	207230_ac	177	0.03
2030/6_ac	TWI	0.03	20/334_s_at	TAT	0.03
219449_s_at	lAI	0.03	200809_x_at	1AI	0.03
230026 at	1AI	0.03	213537 at	1AI	0.03
221514 at	1 A T	0.03	204360 s at	1 2\ T	0 03
219449_s_at 230026_at 221514_at 225746_at	1 A T	0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	204500_B_ac	177	0.03
225746_at	IAI	0.03	209626_s_at	IAI	0.03
225855 <u>a</u> t	1AI	0.03	1555390 at	1AI	0.03
219944_at	1AI	0.03	219618 at	1AI	0.03
218099 at		0.03	226820 at	1 A T	0.03
<del>-</del>		0.03	220020_ac	177	0.03
_		0.03	203734_at	TAT	0.03
		0.03	202399_s_at	1AI	0.03
1556588_at	1AI	0.03	212990 at	1AI	0.03
202313 at	1AT	0.03	212073_at		0.03
202313_at 223781_x_at	1 N T	0.03			
223/61_x_ac	TAT	0.03	1558826_at		0.03
219594_at	lAI	0.03	200733 s at	1AI	0.03
214567 s at	1AI	0.03	201403_s_at		0.03
		0.03			0.03
			224311_s_at		
		0.03	212600_s_at		0.03
202257 <u>s</u> at	1AI	0.03	201560 at	1AI	0.03
	1AI	0.03	202187 s at		0.03
		0.03			
			202300_at		0.03
1555486_a_at			224177_s_at	1AI	0.03
200014 s at	1AI	0.03	204146 at	1AT	0.03
1559883 s at					0.03
			203316_s_at		
222558_at		0.03	201626_at		0.03
211758_x_at	1AI	0.03	223051 at	1AI	0.03
	1AI	0.03	202521 at		0.03
		0.03			
<b>—</b>			203148_s_at		0.03
209989_at		0.03	209878_s_at	1AI	0.03
201334 s_at	1AI	0.03	223294 at	1AI	0.03
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203011 at	1 A T	0.03	36551 at	1 N T	0 03
221104 0 2+	1 7 T	0.03	30334_ac	TWT	0.03
200204	177	0.03	242807_at	TAT	0.03
203011_at 221104_s_at 209394_at 224764_at	1AI	0.03	233292_s_at	TAT	0.03
224764_at	TAT	0.03	228226_s_at	1AI	0.03
200082_S_at	TAT	0.03	56829_at	1AI	0.03
202829_s_at	1AI	0.03	218703_at	1AI	0.03
1555759 a at	1AI	0.03	219880 at	1AI	0.03
207243 s at	1AI	0.03	219694 at	1AT	0.03
239647 at	1 a t	0.03	219023 at	1 A T	0 03
$216933 \times at$	1AT	0.03	219996 at	1 N T	0.03
201380 at	1 A T	0.03	219590_at	1771	0.03
201300_at	1 N T	0.03	216501_at	IAI	0.03
216933_x_at 201380_at 203138_at 224412_s_at 222842_at	171	0.03	219099_at	IAI	0.03
224412_s_at	TAT	0.03	212270_x_at	1AI	0.03
222842_at	IAI	0.03	213594_x_at	1AI	0.03
229082_at	1AI	0.03	212748_at	1AI	0.03
202865_at 205219_s_at 210377_at	1AI	0.03	214241_at	1AI	0.03
205219_s_at	1AI	0.03	212817 at	1AI	0.03
210377 at	1AI	0.03	213881 x at	1AI	0.03
219065_s_at	1AI	0.03	212792 at	1AI	0.03
206052 s at	1AI	0.03	214196 s at	1 A T	0.03
223010 s at	1AI	0.03	214177 s at	1 A T	0.03
219239 s at	1 A T	0.03	214177_3_ac	17.7	0.03
223010_s_at 219239_s_at 238346_s_at	1 A T	0.03	214109_dc	1A1	0.03
200040_S_at	171	0.03	212513_s_at	IAI	0.03
202058_s_at	IAI	0.03	213969_x_at	IAI	0.03
216032_s_at 227000_at 212404_s_at	IAI	0.03	213080_x_at	1AI	0.03
227000_at	1AI	0.03	213396_s_at	1AI	0.03
212404_s_at	1AI	0.03	213671_s_at	1AI	0.03
211940_x_at	1AI	0.03	218426 s at	1AI	0.03
201441_at	1AI	0.03	218097 s at	1AI	0.03
219732 at	1AI	0.03	217499 x at	1AI	0.03
212404 s_at 211940_x_at 201441_at 219732_at 226872_at 229886_at 211548_s_at 201310_s_at 202471_s_at	1AI	0.03	218323 at	1AI	0.03
229886 at	1AI	0.03	218470 at	1 A T	0 03
211548 s at	1AI	0.03	218024 at	1 A T	0.03
201310 s at	1 A T	0.03	218160 a+	1 N T	0.03
202471 s at	1 A T	0.03	216521 a a+	174	0.03
208929 v at	1 A T	0.03	210321_S_at	TAT	0.03
212320 at	1 A T	0.03	204505_s_at	IAI	0.03
212329_at	TAT	0.03	203789_s_at	IAI	0.03
208929_x_at 212329_at 207391_s_at 219073_s_at	IAI	0.03	36554_at 242807_at 233292_s_at 228226_s_at 56829_at 218703_at 219880_at 219994_at 219023_at 219996_at 218501_at 219099_at 212270_x_at 213594_x_at 212748_at 212817_at 213881_x_at 214241_at 212817_at 213881_x_at 214177_s_at 214109_at 212513_s_at 214109_at 212513_s_at 213969_x_at 213969_x_at 213969_x_at 213969_x_at 213967_s_at 213426_s_at 213426_s_at 213470_at 218426_s_at 218426_s_s_at 218426_s	1AI	0.03
2190/3_s_at	IAI	0.03	204350_s_at	1AI	0.03
208702 <u>x</u> at	lAI	0.03	203347_s_at	1AI	0.03
214355_x_at 208985_s_at	lAI	0.03	204635_at	1AI	0.03
		0.03	203471_s_at	1AI	0.03
211004_s_at	1AI	0.03	223192 at	1AI	0.03
204177_s_at	1AI	0.03	223101 s at	1AI	0.03
1555241_at	1AI	0.03	220941 s at	1AI	0.03
225921_at			223236_at		0.03
224593 at	1AI	0.03	222447_at		0.03
224593_at 227521_at	1AI	0.03	222645_s_at		
226507 at	1 A T	0.03	222043_3_dt 222992 s at		0.03
225988_at			222532_s_ac 222510_s_at		
226749 at	1 A T	0.03			0.03
226749_at 225869_s_at	1 A T	0.03	222432_s_at		0.03
223005_5_aL	TAT	0.03	222390_at		0.03
227385_at	IAI	0.03	212101_at		0.03
226694_at			211114_x_at		0.03
223894_s_at			212244_at	1AI	0.03
223674_s_at	1AI	0.03	209943 <u>a</u> t	1AI	0.03
227811_at	1AI	0.03	210826 x at		0.03
224871_at	1AI	0.03	209481 at		0.03
224304_x_at			210285 x at		0.03
		0.03	210724 at		0.03
223916_s_at			212202_s_at		0.03
239212 at	1 A T	0.03	212202_s_at 209482_at		
229933 at	1 N T	0.03			0.03
235348 at			202031_s_at		0.03
233340_aL	TAT	0.03	202684_s_at	IAI	0.03

202189 x at	1 A T	0.03	228482 at	1 N T	0 04
203186 g at	1 N T	0.03	20102_at	171	0.04
203100_5_at	177	0.03	203098_at	IAI	0.04
202557_at	IAI	0.03	209494_s_at	1AI	0.04
202189_x_at 203186_s_at 202557_at 206003_at 205087_at 206861_s_at 207428_x_at 205882_x_at	IAI	0.03	37152_at	lAI	0.04
205087_at	1AI	0.03	1556283_s_at	1AI	0.04
206861 <u>s</u> at	1AI	0.03	200897 s at	1AI	0.04
207428 x at	1AI	0.03	215159 s at	1AI	0.04
205882 x at	1AI	0.03	204256 at	1 A T	0 04
		0.03	230400 s at	1 A T	0.01
207431 s at	1 A T	0 03	205461 at	1 N T	0.04
207431_s_at 206655_s_at 205664_at 204935_at	1 7 T	0.03	203401_at	177	0.04
200033_3_ac	177	0.03	202946_at	IAI	0.04
203004_aL	IAI	0.03	238//9_at	IAI	0.04
204935_at	IAI	0.03	202226_s_at	1AI	0.04
209276_s_at	1AI	0.03	225002_s_at	1AI	0.04
208456_s_at	1AI	0.03	214398_s_at	1AI	0.04
209222_s_at	1AI	0.03	236696 at	1AI	0.04
208835_s_at	1AI	0.03	212669 at	1AI	0.04
209222_s_at 208835_s_at 207724_s_at	1AI	0.03	219012 s at	1AI	0.04
209043 at	1AI	0.03	1559942 at	1 A T	0.04
208642 s at	1AI	0.03	203678 at	1 2 T	0.01
208642_s_at 209020_at 208003_s_at	1 A T	0.03	210149 6 3+	1 N T	0.04
208003 s at	1 A T	0.03	210149_5_ac	171	0.04
1405_i_at	171	0.03	210321_X_at	171	0.04
		0.03	204985_s_at	IAL	0.04
1555797_a_at		0.03	223324_s_at	lAI	0.04
1554249_a_at		0.03	205025_at	1AI	0.04
1555745_a_at	1AI	0.03	1570173_at	1AI	0.04
200826 <u>a</u> t	1AI	0.03	1563849_at	1AI	0.04
200616 <u>s</u> at	1AI	0.03	48117 at	1AI	0.04
1552928_s_at	1AI	0.03	$20282\overline{4}$ s at	1AI	0.04
200723_s_at	1AI	0.03	235005 at	1AI	0.04
200717 x at	1AI	0.03	211672 s at	1AT	0.04
200821 <u>at</u>		0.03	226042 at	1 A T	0 04
201585 s at	1AI	0.03	226270 at	1 A T	0.04
201585_s_at 201834_at 201121_s_at	1 A T	0.03	244752 at	1 N T	0.04
201121 s at	1 A T	0.03	221604 2 2+	177	0.04
201094_at	1 A T	0.03	221004_5_40	1 M T	0.04
201034_ac	177	0.03	229005_at	IAI	0.04
200341_at	1AT	0.03	225009_at	TAI	0.04
200941_at 201358_s_at 201676_x_at	IAI	0.03	212/31_at	IAI	0.04
2016/6_x_at	TAI	0.03	210128_s_at	1AI	0.04
201587_s_at		0.03	204959_at	1AI	0.04
201780_s_at	1AI	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	205069_s_at	1AI	0.04
201079_at		0.03	200772_x_at	1AI	0.04
200966_x_at		0.03	229983 at	1AI	0.04
201700_at		0.03	202163 s at	1AI	0.04
		0.03	235388 at	1AI	0.04
201499 s at	1AI	0.03	207614_s_at		0.04
	1AI	0.03	208943 s at		0.04
201356 at			223485 at		0.04
238530_at		0.04	238053 at		0.04
		0.04	1552785 at		0.04
235007 at		0.04	1552765_at		
			1569020_at		0.04
209400_at		0.04	204264_at		0.04
218102_at			223240_at		0.04
203686_at	IAI	0.04	235067 <u>a</u> t		0.04
202361_at 224914_s_at	1AI	0.04	212517_at		0.04
224914_s_at	1AI	0.04	1569385_s_at	1AI	0.04
207485_x_at	1AI	0.04	$239143 \times at$		0.04
		0.04	225708 at		0.04
225637_at			200593 s at		0.04
		0.04	206829 x at		0.04
1554553_s_at			206515 at		0.04
225125 at		0.04	212519 at		0.04
219256 s at					
		0.04	208735_s_at		0.04
-00/1/_A_at	TUT	U. UI	231777_at	TAT	0.04

004667		0.04			
224667_x_at			208705_s_at	1S	7.31e-07
221248_s_at	1AI	0.04	217414_x_at	1S	9.8e-07
227172 at	1 A T				
227172_at 209250_at	1 n T	0.01	212643_at	10	1.000
209250_at	IAI	0.04		1S	
155633 <mark>6</mark> _at	1AI	0.04	202295 s at	1S	2.02e-06
200735 x at	1AI	0.04	217910 x at	1\$	
215716_s_at		0.04			
			202596_at	15	
203211_s_at	1AI	0.04	205202_at	1S	
203211_s_at 220321_s_at	1AI	0.04	211696_x at	1S	3.11e-06
213000 <u>a</u> t	1 A T	0.04	204417_at	10	3 190-06
203091 at			204417_00	13	
		0.04			4.14e-06
217900_at	1AI	0.04	211745_x_at	1S	4.38e-06
156872 <del>0</del> at	1AI	0.04	202381 <u>at</u>		
1554757 a at			217949_s_at	10	1.10.00
			21/343_S_ac		
202635_s_at		0.04	218586_at		4.45e-06
226811_at	1AI	0.04	219444_at	1S	4.65e-06
232272_at	1AI	0.04	204665_at		5.39e-06
235699 at	1 A T	0.04	201129 0 2+	10	5.35C CC
235699_at 243951_at	TUT	0.04	201128_s_at 209409_at	12	5.4e-06
243951_at	TAT	0.04	209409_at	1S	5.78e-06
203820_s_at	1AI	0.04	201002_s_at	1S	6.06e-06
231727 s at		0.04	203430 at	1S	6.37e-06
203914_x_at	1 N T				
			209806_at	1S	6.4e-06
218064_s_at			201119_s_at 204351_at	1S	6.54e-06
208864 s at	1AI	0.04	204351 at	1S	6.61e-06
226786_at		<sup>-</sup> 0.04	200925 at	18	6.9e-06
212267_at	TAT	0.04	208909_at	15	6.99e-06
212791_at 204841_s_at	1AI	0.04	209142_s_at 214414_x_at	1S	6.99e-06
204841 s at	1AI	0.04	214414 x at	1S	7.25e-06
209022 at	1 A T	0.04	201631 s at	1 0	7 410-06
224333_s_at		0.04		1S	
225285_at		0.04	209841_s_at	1S	8.02e-06
230326 <u>s</u> at	1AI	0.04	200882 s at	1S	8.18e-06
236846 at		0.04	222721 at		8.38e-06
209008 x at		0.04			
			209140_x_at		8.66e-06
202688_at 202201_at	1AI	0.04	1558747_at	1S	8.72e-06
202201 at	1AI	0.04	212408_at	1S	8.89e-06
235458_at	1AT	0.04	216231_s_at	15	9.54e-06
223462 2+	1 N T	0.04	210231_5_40	10	
223462_at	IAI		219035_s_at	1S	
210865_at 218953_s_at	IAI	0.04	201891_s_at	1S	1.08e-05
218953 s at	1AI	0.04	201968_s_at 201422_at	1S	1.08e-05
221632 <u>s</u> at	1AI	0.04	201422 at	1.5	1.09e-05
225376 at		0.04	211755 s at	10	1 11- 05
214246_x_at		0.04	217917 <u>s</u> at	1S	1.12e-05
231922_at	1AI	0.04	204604_at	1S	1.13e-05
208054 at	1AI	0.04	200709 at	1S	1.13e-05
203714 s at		0.04	209458 x at	15	1.16e-05
203378_at		0.04	203721_s_at	1S	1.21e-05
203120_at	lAI	0.04	217232 x at	1S	1.26e-05
222751 at	1AI	0.04	200677 at	1S	1.27e-05
207486 x at		0.04	200072 s at	18	1.27e-05
202381_at		0.04	221952_x_at	1S	1.31e-05
223909_s_at	lAI	0.04	209116 x at	1S	1.32e-05
211478 s at	1AI	0.04	208689 <u>s</u> at	1S	1.34e-05
204160 s at		0.04	202951 at	15	1.34e 05
203459_s_at		0.04	225693_s_at	18	1.43e-05
204077_x_at	1AI	0.04	201894 s at	1S	1.46e-05
208082 <u>x</u> at	1AI	0.04	212251 at	1S	1.47e-05
218679 s at		0.04			
			204018_x_at	15	1.53e-05
216907_x_at		0.04	221419_s_at	1S	1.58e-05
227693_at	1AI	0.04	208643 s at	1S	1.58e-05
213799_s_at	1AI	0.04	200999 s at	1S	1.59e-05
1553137_s_at		0.04			
			201426_s_at	1S	1.61e-05
202548_s_at		5.91e-08	201020_at	1S	1.62e-05
232229 at	1S	6.53e-07	211609 x at	1S	1.67e-05

205065	1.0	1 67- 05				
205865_at	1S	1.67e-05		200981_x_at	1S	5.44e-05
211699_x_at	1S	1.74e-05		202162 s at	1S	5.51e-05
208674 x at	18	1.84e-05		204466 s at	18	5.66e-05
209369 at	15	1.84e-05		204400_3_at		
				200009_at	18	5.72e-05
208642_s_at	1S	1.9e-05		238356 at	1S	5.76e-05
212543 at	1S	1.92e-05		218514 at	1S	5.78e-05
219860_at	1S	1.96e-05		205669_at	18	5.81e-05
209771 x at	1S	2.07e-05		218108 at	1\$	5.87e-05
201463 s at	1S	2.11e-05		201061_s_at	1S	5.87e-05
211571 s at		2.23e-05	-			
	1S			217927_at	1S	6.05e-05
217499_x_at	18	2.34e-05	<del>!</del>	200864 s at	1S	6.1e-05
213160 at	1S	2.36e-05		208702 x at	1\$	6.18e-05
217762 s at		2.37e-05				
	1S			203725_at	1S	6.24e-05
201202_at	1S	2.37e-05		217747_s_at	1S	6.32e-05
203855 at	1S	2.45e-05		208039 at	1S	6.38e-05
203729 at						
	1S	2.45e-05		241620_at	1S	6.39e-05
226956_at	1S	2.55e-05		206177 s at	1S	6.47e-05
$210314 \times at$	1S	2.55e-05		212377_s_at	1\$	6.62e-05
201375 s at						
	1S	2.55e-05		203075_at	1S	6.66e-05
210969_at	1S	2.58e-05		217931 at	1S	6.84e-05
219594 at	1S	2.64e-05		210594 x at	1S	6.91e-05
210149 s at	1S	2.64e-05				
				200682 <u>s</u> at	1S	7.02e-05
208746_x_at	1S	2.8e-05		200742_s_at	1S	7.02e-05
213932 x at	1S	2.81e-05		205627 at	1S	7.06e-05
AFFX-		-		_		
	10	0 00 05		229018_at	1S	7.1e-05
hum_alu_at	1S	2.82e-05		213735_s_at	1S	7.28e-05
205690 s at	1S	2.87e-05		202560_s_at	1S	7.3e-05
212220 at	1S	2.91e-05		208739 x at	18	7.31e-05
<del></del>						
217918_at	1S	3.11e-05		200804_at	1S	7.4e-05
200000_s_at	1S	3.16e-05		208120 x at	1S	7.47e-05
208855 s at	1S	3.18e-05		200801_x_at	1S	7.59e-05
200886 s at	1\$	3.24e-05		206001kac		
				206090_s_at	1S	7.65e-05
217736_s_at	1S	3.27e-05		200048_s_at	1S	7.68e-05
213836 s at	1S	3.37e-05		200735 x at	1S	7.74e-05
216379 x at	1S	3.38e-05		217978 s at	1S	7.77e-05
206656_s_at	1S	3.41e-05		200693_at	18	7.8e-05
211404_s_at	1S	3.53e-05		201136 at	1S	7.87e-05
203560 at	1S	3.54e-05		$213453 \times at$	1S	7.92e-05
200738 s at	18	3.61e-05				
				218213_s_at	1S	7.94e-05
201583_s_at	1S	3.68e-05		212242 at	1S	8.07e-05
212227 x at	1S	3.69e-05		201174 s at	1S	8.07e-05
205041_s_at	1S					
217052				218773_s_at		
217852_s_at	18	4.04e-05		203529_at	1S	8.21e-05
215646 s at	1S	4.11e-05		203885_at	1S	8.25e-05
206208 at	1S	4.16e-05		200640 at	1S	8.27e-05
202125 s at	18			_		
		4.26e-05		218419_s_at	1S	8.3e-05
200652_at	1S	4.41e-05		$201090 \times at$	1S	8.33e-05
200918 s at	1\$	4.47e-05		212184 s at	1S	8.41e-05
201586 s at	1S	4.48e-05		200743 s at		
					1S	8.42e-05
208921_s_at	1S	4.54e-05		211070_x_at	15	8.47e-05
202447_at	1S	4.56e-05		202854 at	1S	8.52e-05
202917_s_at	1S	4.6e-05		202696 at	18	
						8.56e-05
210638_s_at	1S	4.65e-05		201060_x_at	1S	8.57e-05
217764_s_at	1S	4.71e-05		218273 s at	1S	8.59e-05
208736 at	1S	4.82e-05		202121 s at	1S	
						8.61e-05
221249_s_at	1S	4.84e-05		200006_at	1S	8.64e-05
216041_x_at	1S	5.03e-05		209539 at	1S	8.69e-05
209479 at	1S	5.07e-05		212716_s_at	15	8.78e-05
208612 at						
	1S	5.07e-05		200075_s_at	1S	8.81e-05
209034_at	1S	5.09e-05		216306_x_at	1S	8.91e-05
212250_at	1S	5.12e-05		212359 s at	1S	9.0e-05
202891 at	1S	5.15e-05				
				200030_s_at	1S	9.18e-05
1552644_a_at		5.16e-05		201794_s_at	18	9.18e-05
202244_at	1S	5.36e-05		200611 s at	1S	9.2e-05
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207157_s_at	18		219049_at	1S	1.25621e-04
201012_at	1S	9.28e-05	218528 s at	1S	1.25621e-04
206559 x at	1S	9.34e-05	219283 at	1S	1.25621e-04
212168 at	18	9.36e-05	219281 at		
208728 s at					1.25621e-04
	15	9.37e-05	220330_s_at		1.25621e-04
200639_s_at	1S	9.38e-05	219014_at	1S	1.25621e-04
215220 s at	1S	9.41e-05	219859 at	1S	1.25621e-04
208647_at	1S	9.55e-05	218998 at		1.25621e-04
201047 x at	15	9.64e-05	218941 at		
201193 at	15				1.25621e-04
		9.64e-05	218829_s_at		1.25621e-04
221269_s_at	1S	9.72e-05	218627_at	1S	1.25621e-04
208730_x_at	1S	9.77e-05	218556 at	1S	1.25621e-04
209224_s_at	18	9.81e-05	220235 s at		1.25621e-04
218263 s at	18	9.86e-05	219666 at	1S	1.25621e-04
203320 at	15	9.9e-05			
			219253_at	15	1.25621e-04
213535_s_at	18	1.01e-04	219806_s_at	1S	1.25621e-04
217144_at	18	1.01e-04	219156_at	1\$	1.25621e-04
201259_s_at	1S	1.01e-04	219017 at	1\$	1.25621e-04
200860 s at	1S	1.01e-04	219079 at	15	1.25621e-04
200782 at	18	1.02e-04	218549 s at		
201816 s at	1S				1.25621e-04
		1.02e-04	219892_at	15	1.25621e-04
208812_x_at	18	1.03e-04	219694_at	1S	1.25621e-04
219191_s_at	18	1.04e-04	214665 s at	1S	1.25621e-04
218506 x at	1S	1.04e-04	212856 at	1S	1.25621e-04
211787 s at	1S	1.05e-04	213246 at	1s	1.25621e-04
201098 at	18	1.06e-04	212271 at		
206111 at				1S	1.25621e-04
	1S	1.08e-04	214112_s_at		1.25621e-04
211921_x_at		1.1e-04	212355_at	1S	1.25621e-04
208641_s_at	1S	1.1e-04	212330 at	1S	1.25621e-04
201552_at	1S	1.1e-04	212702 s at	1S	1.25621e-04
217743_s_at	1S	1.11e-04	212742 at	18	1.25621e-04
211678 s at	18	1.11e-04	212990 at	15	1.25621e-04
212320 at	1S	1.13e-04			
			212597_s_at		1.25621e-04
216988_s_at	1S	1.13e-04	212335_at	1S	1.25621e-04
205786 <u>s</u> at	1S	1.13e-04	213225_at	1S	1.25621e-04
200967_at	1S	1.13e-04	212460_at	1S	1.25621e-04
203960_s_at	1S	1.15e-04	213056 at	1S	1.25621e-04
200650 s at	1S	1.15e-04	212268 at	1S	1.25621e-04
208703_s_at	15	1.16e-04	213198_at		
201553 s at	15				
		1.16e-04	212334_at	1S	
200680_x_at	1S	1.17e-04	215088_s_at		1.25621e-04
213708_s_at	15	1.18e-04	212262_at	1S	1.25621e-04
201318_s_at	1S	1.19e-04	212467 at	1S	1.25621e-04
218034 at	1S	1.2e-04	213545 x at		1.25621e-04
210532 s at	1S	1.2e-04	213572 s at		1.25621e-04
203936_s_at	15	1.21e-04			
			212301_at	1S	1.25621e-04
201351_s_at	1S	1.22e-04	212536_at	1S	1.25621e-04
215313_x_at	1S	1.23e-04	212660_at	1S	1.25621e-04
210996_s_at	1S	1.23e-04	212606 at	1S	1.25621e-04
226050 at	1S	1.24e-04	212604 at	15	1.25621e-04
208628 s at	1S	1.24e-04	213702 x at		1.25621e-04
202427_s_at	15	1.25e-04	<del>-</del> -		
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208821_at	1S	1.25e-04	217868_s_at	1S	1.25621e-04
200623_s_at	15	1.25e-04	218303_x_at	1S	1.25621e-04
32091_at	18	1.25621e-04	217995 at	1S	1.25621e-04
$21898\overline{3}$ at	15	1.25621e-04	217781 s at		1.25621e-04
218606 at	1S	1.25621e-04	217874 at	15	1.25621e-04
219547 at	15	1.25621e-04			
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218682_s_at	1S	1.25621e-04	217802_s_at		1.25621e-04
220005_at	15	1.25621e-04	217873_at	1S	1.25621e-04
218728_s_at	18	1.25621e-04	217043 s at	1S	1.25621e-04
218917 s at	1S	1.25621e-04	217823 s at		1.25621e-04
220416 at	18	1.25621e-04	218011 at	15	1.25621e-04
219137 s at	18	1.25621e-04			
	10	* • 5 3 0 5 1 C - 0 4	218181_s_at	1S	1.25621e-04

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218454 at
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                  1.25621e-04
                                           203274 at
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215338_s_at
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              1S
                  1.25621e-04
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                                                         15
217811 at
              1S
                  1.25621e-04
                                           203318_s_at
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                                                         1S
217748 at
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                                           203675 at
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218078 s at
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                                           204254 s at
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217746 s at
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218423 x at
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                                           204232 at
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              1S
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                                           204050_s_at
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215399 s at
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218195 at
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                  1.25621e-04
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216218 s at
                                           221471_at
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                  1.25621e-04
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217737 x at
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218091 at
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218109_s_at
                                           221264_s_at
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217814 at
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216652_s_at
217727_x_at
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                                           221498 at
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217837_s_at
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                                           211025 x at
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203437_at
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204022_at
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              1S
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204861_s_at
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204661_at
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204526 s at
              1$
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204615 x at
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203613 s at
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204185 x at
              18
                  1.25621e-04
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203966 s at
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                                           211725 s at
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204513 s at
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                  1.25621e-04
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                  1.25621e-04
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                                                             1.25621e-04
203635 at
              1S
                  1.25621e-04
                                           210716_s_at
                                                         18
                                                             1.25621e-04
204500_s at
              1S
                  1.25621e-04
                                           211760 s at
                                                         1S
                                                             1.25621e-04
204034 at
              1S
                  1.25621e-04
                                           202697_at
                                                         1S
                                                             1.25621e-04
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000001	10	1 05 601 - 04	005400		
202221_s_at	1S	1.25621e-04	205423_at	1S	1.25621e-04
203142_s_at	1S	1.25621e-04	205480_s_at	1S	1.25621e-04
202487 s at	1S	1.25621e-04	206174 s at	1S	1.25621e-04
202550 s at	18	1.25621e-04			
			205248_at	18	1.25621e-04
202228_s_at	18	1.25621e-04	206875_s_at	1S	1.25621e-04
202375 at	1S	1.25621e-04	206405 x at	1S	1.25621e-04
202040_s_at	1S	1.25621e-04	205191 at	18	1.25621e-04
202041_s_at	1S	1.25621e-04	205070_at	1S	1.25621e-04
203041 s at	1S	1.25621e-04	206052 s at	1S	1.25621e-04
202352 s at	1S	1.25621e-04	207163 s at	1S	1.25621e-04
202155 s at	1s	1.25621e-04	205715 at		
				1S	1.25621e-04
202530_at	1S	1.25621e-04	205798_at	1S	1.25621e-04
202006 at	1S	1.25621e-04	205173 x at	1S	1.25621e-04
202263 at	1S	1.25621e-04	206337 at	1S	1.25621e-04
202346_at	1S	1.25621e-04	205639_at	18	1.25621e-04
202495_at	1S	1.25621e-04	205844 at	1S	1.25621e-04
202538_s_at	1S	1.25621e-04	205863 at	1S	1.25621e-04
202503 s at	1S	1.25621e-04	205726 at	15	1.25621e-04
202131_s_at	1S	1.25621e-04	206542 <u>s</u> at	1S	1.25621e-04
202675_at	1S	1.25621e-04	205633 s at	1\$	1.25621e-04
202130 at	1S	1.25621e-04	206380 s at	1S	1.25621e-04
202539 s at	1S	1.25621e-04	205251 at	1S	
					1.25621e-04
202360_at	1S	1.25621e-04	206302_s_at	18	1.25621e-04
202379 s at	1S	1.25621e-04	207111 at	1\$	1.25621e-04
202536_at	18	1.25621e-04	207654 x at	1S	1.25621e-04
202200 s at	1S	1.25621e-04	<del></del>		
			208103_s_at	15	1.25621e-04
202990_at	1S	1.25621e-04	208662_s_at	18	1.25621e-04
202201 at	15	1.25621e-04	208652 at	1S	1.25621e-04
202583 s at	18	1.25621e-04	208610 s at	1S	1.25621e-04
202829 s at	1S	1.25621e-04			
			208799_at	18	1.25621e-04
202897_at	1S	1.25621e-04	207543_s_at	1S	1.25621e-04
202582 s at	1S	1.25621e-04	208771 s at	1S	1.25621e-04
202399 s at	1S	1.25621e-04	209150 s at	1S	1.25621e-04
202442 at	15	1.25621e-04	208742 s at		
				1S	1.25621e-04
202974_at	15	1.25621e-04	209448_at	18	1.25621e-04
202833_s_at	1S	1.25621e-04	208137 x at	1S	1.25621e-04
202395 at	1S	1.25621e-04	208651 x at	1S	1.25621e-04
202377_at	1S	1.25621e-04	$208781 \times at$	15	1.25621e-04
202061 s at		1.25621e-04			
	1S		208668_x_at	1S	1.25621e-04
202197_at	1\$	1.25621e-04	208786_s_at	1S	1.25621e-04
202610 s at	1S	1.25621e-04	207956 x at	1S	1.25621e-04
203005 at	1S	1.25621e-04	208835 s at	1S	1.25621e-04
202059 s at	1S				
			209308_s_at	1S	1.25621e-04
203076_s_at	1S	1.25621e-04	209188_x_at	1S	1.25621e-04
202565 s at	1S	1.25621e-04	208872 s at	1S	1.25621e-04
202387 at	1S	1.25621e-04	208696 at	1S	1.25621e-04
202386 s at	15	1.25621e-04	208003_s_at		
				1S	1.25621e-04
202621_at	1S	1.25621e-04	208780_x_at	1S	1.25621e-04
202678_at	1S	1.25621e-04	209338_at	1S	1.25621e-04
202119 s at	1S	1.25621e-04	207992 s at	1S	1.25621e-04
202777 at	1S	1.25621e-04	209015_s_at	15	1.25621e-04
202433_at	1S	1.25621e-04	209217_s_at	1S	1.25621e-04
202934_at	1S	1.25621e-04	209234 at	1S	1.25621e-04
202192 <sup>-</sup> s at	1S	1.25621e-04	208981 at	1S	1.25621e-04
202670_at	15	1.25621e-04	208979 at	1S	1.25621e-04
203120_at	18	1.25621e-04	209393 <u>s</u> at	1S	1.25621e-04
202298_at	1S	1.25621e-04	207785 s at	1S	1.25621e-04
202300 at	1s	1.25621e-04	209288 s at	1S	1.25621e-04
203113 s at	15	1.25621e-04	209357 at		
				15	1.25621e-04
202299_s_at	18	1.25621e-04	208632_at	18	1.25621e-04
202651_at	1S	1.25621e-04	208761 <u>s</u> at	1S	1.25621e-04
203167 <sup>—</sup> at	1S	1.25621e-04	208290 s at	1S	1.25621e-04
202657 s at	1S	1.25621e-04	208654 s at	15	1.25621e-04
202164_s_at	15	1.25621e-04	207467_x_at	1S	1.25621e-04

208671 at	1S	1.25621e-04	201017 - 2+	10	1 256210 04
	1S		201917_s_at	1S	1.25621e-04
208857_s_at		1.25621e-04	200902_at	1S	1.25621e-04
209102_s_at	1S	1.25621e-04	200942_s_at	1S	1.25621e-04
209155_s_at	1S	1.25621e-04	200950_at	1S	1.25621e-04
207574_s_at	1S	1.25621e-04	200881_s_at	1S	1.25621e-04
208620_at	18	1.25621e-04	201912 s at	1S	1.25621e-04
208708 x at	18	1.25621e-04	201995 at	1S	1.25621e-04
200618 at	1S	1.25621e-04	200961 at	1S	1.25621e-04
200844 s at	1S	1.25621e-04	200920 s at	1\$	1.25621e-04
200815 s at	1S	1.25621e-04	200920_S_dt 200914 x at	1S	1.25621e-04
200011 s at	15	1.25621e-04	201925 s at		
200011_3_ac 200830_at				1S	1.25621e-04
	1S	1.25621e-04	200985_s_at	1S	1.25621e-04
200737_at	1S	1.25621e-04	201985_at	18	1.25621e-04
200044_at	1S	1.25621e-04	201944_at	1S	1.25621e-04
200644_at	1S	1.25621e-04	200007_at	1S	1.26e-04
200609 <u>s</u> at	1S	1.25621e-04	200654_at	1S	1.28e-04
200632 <u>s</u> at	1S	1.25621e-04	219460_s_at	1S	1.28328e-04
200820 at	1S	1.25621e-04	218981 at	1S	1.28328e-04
200663 at	1S	1.25621e-04	212747 at	1S	1.28328e-04
200673 at	1S	1.25621e-04	213012 at	15	1.28328e-04
200713_s_at	1S	1.25621e-04	216268 s at	1S	1.28328e-04
200697 at	1S	1.25621e-04	203598_s_at	1S	
200607_dt	1S	1.25621e-04			1.28328e-04
200002_at 201178 at			204478_s_at	1S	1.28328e-04
	1S	1.25621e-04	204565_at	1S	1.28328e-04
201558_at	15	1.25621e-04	204214_s_at	1\$	1.28328e-04
201698_s_at	15	1.25621e-04	204554_at	1S	1.28328e-04
201180_s_at	15	1.25621e-04	211297_s_at	1S	1.28328e-04
201576_s_at	1S	1.25621e-04	210004_at	1S	1.28328e-04
201554_x_at	1S	1.25621e-04	203116 s at	1S	1.28328e-04
201363_s_at	1S	1.25621e-04	202948_at	1S	1.28328e-04
201165 s at	1S	1.25621e-04	202589 at	1S	1.28328e-04
201716 at	1S	1.25621e-04	206440 at	1S	1.28328e-04
201222 s at	1S	1.25621e-04	206995 x at	15	1.28328e-04
201666 at	1S	1.25621e-04	209099_x_at	15	1.28328e-04
201160 s at	15	1.25621e-04	208886 at	1S	1.28328e-04
201669 s at	15	1.25621e-04	206621 s at	1S	1.29e-04
201311 s at	1S	1.25621e-04	200021_s_at 201859 at	1S	1.29e-04 1.29e-04
201311_5_dt 201769 at	1S	1.25621e-04			
201709_at 201840 at			208442_s_at	1S	1.31e-04
	1S	1.25621e-04	218498_s_at	1S	1.31689e-04
201285_at	1S	1.25621e-04	218578_at	1S	1.31689e-04
201444_s_at	1S	1.25621e-04	219551_at	1S	1.31689e-04
201619_at	1S	1.25621e-04	212312_at	1S	
201052_s_at	1S	1.25621e-04	216903_s_at	18	1.31689e-04
201266_at	1S	1.25621e-04	209667_at	1S	1.31689e-04
201627_s_at	15	1.25621e-04	202349_at	1S	1.31689e-04
201078_at	1S	1.25621e-04	203097 s at	1S	1.32e-04
201628_s_at	1S	1.25621e-04	213554_s_at	1S	1.33e-04
201780 s at	15	1.25621e-04	206209 s at	1\$	1.33e-04
201301 s at	1S	1.25621e-04	225884 s at	15	1.34e-04
201494 at	1S	1.25621e-04	200657 at	1S	1.34e-04
201722_s_at	15	1.25621e-04	212264 s at	15	1.35e-04
201760 s at	15	1.25621e-04	216295_s_at		
201455 s at	15	1.25621e-04	219016 at	1S	1.35e-04 1.35933e-04
201758 at				1S	
	1S	1.25621e-04	203912_s_at	1S	1.35933e-04
201409_s_at	1S	1.25621e-04	202680_at	15	1.35933e-04
201302_at	1S	1.25621e-04	206676_at	18	1.35933e-04
201132_at	1S	1.25621e-04	206157_at	18	1.35933e-04
201599_at	1S	1.25621e-04	215051_x_at	1S	1.37e-04
201738_at	1S	1.25621e-04	200068_s_at	1S	1.38e-04
201146_at	18	1.25621e-04	210453 x at	1S	1.4e-04
201345_s_at	18	1.25621e-04	219403 s at	1S	1.41397e-04
201546_at	18	1.25621e-04	213515 x at	1S	1.41397e-04
200927_s_at	18	1.25621e-04	221490 at	15	1.41397e-04
201898_s_at	18	1.25621e-04	221504 s at	15	1.41397e-04

210254	10	1 41207 - 04			
210254_at	1S	1.41397e-04	202946_s_at	1S	1.92183e-04
210244_at	1S	1.41397e-04	202252 at	1S	1.92183e-04
209273_s_at	1S	1.41397e-04	200876_s_at	15	1.94e-04
201161 s at	18	1.41397e-04			
			201118_at	18	1.95e-04
200857 <u>s</u> at	1S	1.42e-04	203133_at	1S	1.96e-04
201441_at	1S	1.42e-04	203332 s at	1S	1.97e-04
217865_at	1S	1.43e-04	203508 at	1S	2.0e-04
200660 at	1S	1.43e-04	<del>_</del>		
			209791_at	1S	2.01e-04
212519_at	1S	1.44e-04	234631_at	1S	2.04e-04
206464_at	1S	1.44e-04	219731 at	1S	2.04e-04
201652 at	1S	1.44e-04	36019 at	15	2.05329e-04
200046 at	1S	1.46e-04	34408 at		
216274 s at				1S	2.05329e-04
	1S	1.47e-04	266_s_at	1S	2.05329e-04
219445_at	1S	1.48601e-04	34210 at	1S	2.05329e-04
219129 s at	1S	1.48601e-04	46270 at	1S	2.05329e-04
213173 at	1S	1.48601e-04	$21848\overline{2}_{at}$	18	2.05329e-04
209211_at	18	1.48601e-04	210402_ac		
			218662_s_at	1S	2.05329e-04
207988_s_at	1S	1.49e-04	218583_s_at	1S	2.05329e-04
200001_at	18	1.49e-04	218487 at	1S	2.05329e-04
217768 at	1S	1.5e-04	218883 s at	1S	2.05329e-04
200971_s_at	1S	1.53e-04	218582 at	15	2.05329e-04
213151 s at	1S	1.54e-04			
			219571_s_at	1\$	2.05329e-04
215832_x_at	1S	1.55e-04	218616_at	1S	2.05329e-04
203538_at	1S	1.57e-04	220367 s at	1S	2.05329e-04
200055 at	1S	1.57e-04	218739 at	1s	2.05329e-04
203254_s_at	1S	1.58e-04	218871 x at	1S	2.05329e-04
202961 s at	1S	1.58e-04	214953_s_at		
208948 s at	18	1.58e-04		1S	2.05329e-04
			213229_at	15	2.05329e-04
215047_at	1S	1.5837e-04	212830_at	1S	2.05329e-04
213440_at	1S	1.5837e-04	214531_s_at	1S	2.05329e-04
204614_at	1S	1.5837e-04	212449 <u>s</u> at	1S	2.05329e-04
209773 s at	1S	1.5837e-04	213911 s at	1S	2.05329e-04
200932 s at	1S	1.5837e-04	212602_at	1S	2.05329e-04
218352_at	15	1.62e-04			
205335 s at			213154_s_at	1S	2.05329e-04
	1S	1.62e-04	212638_s_at	1S	2.05329e-04
210389_x_at	1S	1.63e-04	214938_x_at	1S	2.05329e-04
203011_at	1S	1.63e-04	214590 s at	1S	2.05329e-04
214315_x_at	1S	1.64e-04	213011 s at	1S	2.05329e-04
202325 s at	1S	1.64e-04	218465 at	18	2.05329e-04
205756 s at	1S	1.64e-04	217986 s at	15	2.05329e-04
204093 at	18	1.66e-04	217898 at		
227467 at			<del>-</del>	1S	2.05329e-04
_	15	1.67e-04	218171_at	1S	2.05329e-04
220467_at	18	1.71e-04	218310_at	1S	2.05329e-04
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219384 s at	1S	1.72083e-04	215933 s at	1S	2.05329e-04
218992 at	1S	1.72083e-04	218348 s at	18	2.05329e-04
204218 at	1S	1.72083e-04	218107 at	15	
204419 x at	15	1.72083e-04			2.05329e-04
			218313_s_at	15	2.05329e-04
209892_at	15	1.72083e-04	215127_s_at	18	2.05329e-04
212267_at	1S	1.74e-04	218163 at	1S	2.05329e-04
202187 s at	1S	1.74e-04	218357 s at	1S	2.05329e-04
235683 at	1S	1.75e-04	216383 at	18	2.05329e-04
214430 at	1S	1.75e-04	218251_at	1S	
200019 s at		1.75e-04			2.05329e-04
	1S		218254_s_at	18	2.05329e-04
227207_x_at	15	1.76e-04	215498_s_at	1S	2.05329e-04
202859_x_at	1S	1.76e-04	203286 at	1S	2.05329e-04
53912_at	1S	1.77e-04	204362_at	1S	2.05329e-04
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208818 s at	18	1.79e-04	204026_s_at	1S	2.05329e-04 2.05329e-04
209499 x at	1S	1.82e-04			
			203266_s_at	15	2.05329e-04
204340_at	1S	1.88e-04	203748_x_at	1\$	2.05329e-04
202801_at	18	1.89e-04	203690_at	1S	2.05329e-04
218904_s_at	1S	1.92183e-04	203739 at	1S	2.05329e-04
212458_at	1S	1.92183e-04	221188_s at	15	2.05329e-04
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220940 at
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202878_s_at
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205550_s_at
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                                           201105 at
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AFFX-HUMGAPD	H/		212323 s at	1s	3.25715e-04
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212869_x_at	15	2.6e-04	213624_at	1S	3.25715e-04
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216993_s_at	15	2.64e-04	213988_s_at	18	3.25715e-04
214501_s_at	15	2.69e-04	218196_at	18	3.25715e-04
203137_at	1S	2.69e-04	218271_s_at	15	3.25715e-04
208517_x_at 217547 x at	1S	2.7e-04	217843_s_at	15	3.25715e-04
205292 s at	1S 1S	2.71e-04 2.71e-04	217707_x_at	1S	3.25715e-04
203292_s_at 204789_at	1S	2.71e-04 2.73e-04	217835_x_at 217728 at	1S	3.25715e-04
218872 at	15	2.75101e-04	217726_at 217862 at	1S 1S	3.25715e-04 3.25715e-04
202080 s at	1S	2.75101e-04	217002_at 216457_s_at	1S	3.25715e-04 3.25715e-04
206116 s at	15	2.75101e-04	218189 s at	15	3.25715e 04 3.25715e-04
221425 s at	18	2.76199e-04	218209 s at	15	3.25715e-04
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218190_s_at	1S	2.86e-04	217885_at	1S	3.25715e-04
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220980_s_at	1S	2.89e-04	217552_x_at	1S	3.25715e-04
71933_at	18	2.94e-04	204219_s_at	1S	3.25715e-04
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200651_at 217958_at	1S	2.95e-04	204079_at	1S	3.25715e-04
200777 s at	1S 1S	2.97e-04 2.99e-04	203487_s_at	1S	3.25715e-04
212130 x at	15	3.0e-04	204028_s_at 204297_at	1S	3.25715e-04
209476 at	1S	3.02e-04	204297_at 203321 s at	1S 1S	3.25715e-04 3.25715e-04
217724_at	1S	3.05e-04	203655 at	1S	3.25715e-04 3.25715e-04
205033 s at	15	3.06e-04	203605_at	1S	3.25715e-04 3.25715e-04
210371 s at	1S	3.07e-04	203544 s at	15	3.25715e-04
$64408 \overline{s} \overline{at}$	1S	3.0913e-04	203775 at	1S	3.25715e-04
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220000 <u>a</u> t	15	3.0913e-04	203279_at	1S	3.25715e-04
205557_at	15	3.0913e-04	203501 <u>a</u> t	1S	3.25715e-04
206364_at	18	3.0913e-04	221485_at	1S	3.25715e-04
201216_at	1S	3.17e-04	221724_s_at	1S	3.25715e-04
225210_s_at	1S	3.2e-04	221058_s_at	18	3.25715e-04
200083_at 209685 s at	1S	3.21e-04	221620_s_at	18	3.25715e-04
201499 s at	1S 1S	3.22e-04 3.23e-04	220926_s_at	1S	3.25715e-04
45526_g_at	15	3.25715e-04	221613_s_at	15	
218668 s at	15	3.25715e-04	221452_s_at 221011_s_at	1S 1S	3.25715e-04 3.25715e-04
219492 at	15	3.25715e-04	221011_s_at 221257 x at	1S	3.25715e-04 3.25715e-04
219816 s at	1S	3.25715e-04	209551 at	15	3.25715e-04 3.25715e-04
219449_s_at	1S	3.25715e-04	209619 at	1S	3.25715e-04
219649_at	1S	3.25715e-04	211684_s_at	1S	3.25715e-04
218718_at	1S	3.25715e-04	209452 s at	1S	3.25715e-04
219359_at	1S	3.25715e-04	210395 <u>x</u> at	1S	3.25715e-04
219938_s_at	1S	3.25715e-04	209640_at	1S	3.25715e-04
220305_at	1S	3.25715e-04	209512_at	15	3.25715e-04
218660_at	18	3.25715e-04	209513 <u>s</u> at	1S	3.25715e-04
218949_s_at	1S	3.25715e-04	210951_x_at	1S	3.25715e-04
212610_at	1S	3.25715e-04	210119_at	1S	3.25715e-04
212982_at 212273_x_at	1S	3.25715e-04	209517_s_at	1S	3.25715e-04
212273_x_at 212807 s at	1S 1S	3.25715e-04 3.25715e-04	209882_at	1S	3.25715e-04
212973 at	1S	3.25715e-04 3.25715e-04	203184_at 202671_s at	1S	3.25715e-04
214198 s at	15	3.25715e-04 3.25715e-04	2026/1_s_at 202364 at	1S	3.25715e-04
214352 s at	15	3.25715e-04	202304_at 202939 at	1S 1S	3.25715e-04 3.25715e-04
213532_b_dt	1S	3.25715e-04	202939_at 203126 at	1S	3.25715e-04 3.25715e-04
212369 at	15	3.25715e-04	202343 x at	1S	3.25715e-04 3.25715e-04
212572 <u> </u>	18	3.25715e-04	203044 at	15	3.25715e-04
212685_s_at	1S	3.25715e-04	202727 s at	1S	3.25715e-04
			<del>-</del> -		

```
202824_s_at
              1S
                  3.25715e-04
                                            200780 x at
                                                              3.52e-04
                                                          18
202010_s_at
              1S
                   3.25715e-04
                                            212531 at
                                                              3.54546e-04
                                                          1S
202534 \times at
              1S
                   3.25715e-04
                                            207384 at
                                                          1S
                                                              3.55e-04
202269 x at
              1S
                   3.25715e-04
                                            219607_s_at
                                                          1S
                                                              3.55624e-04
202845 s at
              1S
                   3.25715e-04
                                            219700 at
                                                          1S
                                                              3.55624e-04
202603 at
              18
                   3.25715e-04
                                            219292_at
                                                          1S
                                                              3.55624e-04
202105 at
              1S
                   3.25715e-04
                                            212683 at
                                                          1S
                                                              3.55624e-04
202297 s at
                   3.25715e-04
              18
                                           214620_x at
                                                          1S
                                                              3.55624e-04
202432 at
              1S
                   3.25715e-04
                                           203744 at
                                                          1S
                                                              3.55624e-04
202100_at
                   3.25715e-04
              1S
                                            209498 at
                                                          1S
                                                              3.55624e-04
203090 at
              1S
                   3.25715e-04
                                            209916 at
                                                          1S
                                                              3.55624e-04
203243 s at
                   3.25715e-04
              15
                                            209339 at
                                                          1S
                                                              3.55624e-04
206200 s at
              1$
                   3.25715e-04
                                            201930 at
                                                          1S
                                                              3.55624e-04
205740 s at
              18
                   3.25715e-04
                                           204480_s_at
                                                         1S
                                                              3.57e-04
207332_s_at
207387_s_at
              1S
                   3.25715e-04
                                           217954_s_at
                                                         18
                                                              3.64e-04
              1S
                  3.25715e-04
                                           208698_s_at
                                                         1S
                                                              3.68e-04
205403 at
              1S
                  3.25715e-04
                                           203104_at
                                                          1S
                                                              3.71e-04
205349_at
              1S
                  3.25715e-04
                                            207974_s_at
                                                              3.72e-04
                                                         1S
208924_at
              1S
                   3.25715e-04
                                           201443_s_at
                                                         1S
                                                              3.75e-04
208923_at
              1S
                  3.25715e-04
                                           204249_s_at
                                                         1S
                                                              3.81e-04
209251_x_at
              1S
                  3.25715e-04
                                           207320_x_at
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                                                              3.81e-04
207616_s_at
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                  3.25715e-04
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                                           206687_s_at
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209276_s_at
              1S
                  3.25715e-04
                                           218280_x_at
                                                         1s
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209194_at
              1S
                  3.25715e-04
                                           202546 at
                                                          1S
                                                              3.87e-04
208640_at
              18
                  3.25715e-04
                                           218603 at
                                                         1S
                                                              3.9e-04
209027_s_at
              1S
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                                           211749_s_at
                                                         1S
                                                              3.9e-04
208882_s_at
              18
                  3.25715e-04
                                           200941 at
                                                         1S
                                                              3.9e-04
200829_x_at
              18
                  3.25715e-04
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                                                         1S
                                                              3.92e-04
200634_at
              1S
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                                           219326_s_at
                                                         1S
                                                              3.93443e-04
200839_s_at
              1S
                  3.25715e-04
                                           214523 at
                                                          18
                                                              3.93443e-04
200625_s_at
              1S
                  3.25715e-04
                                           208873_s_at
                                                         1S
                                                              3.96e-04
200728_at
              1S
                  3.25715e-04
                                           202315_s_at
                                                         1s
                                                              3.97e-04
200614_at
              1S
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                                                         1S
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              1S
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                                           212780_at
                                                         1S
                                                              3.99e-04
200889_s_at
              1S
                  3.25715e-04
                                           217773_s_at
                                                         1S
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201643_x_at
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                                           202471_s_at
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                                                              4.0e-04
201725_at
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                  3.25715e-04
                                           31826 at
                                                          1S
                                                              4.07e-04
201642_at
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                  3.25715e-04
                                           200848 at
                                                          18
                                                              4.08e-04
                  3.25715e-04
201670_s_at
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                                           208669_s_at
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                                           202469_s_at
                                                              4.11e-04
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                  3.25715e-04
201493_s_at
              18
                                           203788_s_at
                                                         1$
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201163_s_at
              1S
                  3.25715e-04
                                           221816 s at
                                                         1S
                                                              4.16e-04
201593_s_at
              1S
                  3.25715e-04
                                           202173_s_at
                                                         1S
                                                              4.17e-04
201091_s_at
              1S
                  3.25715e-04
                                           200097 s at
                                                         1S
                                                              4.18e-04
201483_s_at
              1S
                  3.25715e-04
                                           221474_at
                                                         1S
                                                              4.25e-04
200980_s_at
              1S
                  3.25715e-04
                                           202581_at
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                                                              4.25e-04
201097_s_at
                  3.25715e-04
              1$
                                           209384_at
                                                          1S
                                                              4.25e-04
201277_s_at
              18
                  3.25715e-04
                                           200073 s at
                                                         1$
                                                              4.31e-04
201817_at
              1S
                  3.25715e-04
                                           210840 s at
                                                         1S
                                                              4.36e-04
201200_at
              15
                  3.25715e-04
                                           33323 r at
                                                          1S
                                                              4.37e-04
201903 at
              1S
                  3.25715e-04
                                           214733 s at
                                                          1S
                                                              4.42332e-04
201186 at
              18
                  3.25715e-04
                                           217427 s at
                                                          1S
                                                              4.42332e-04
201487 at
              18
                  3.25715e-04
                                           211271 x at
                                                          1S
                                                              4.46e-04
201807 at
              1S
                  3.25715e-04
                                           214435 x at
                                                          1S
                                                              4.47e-04
213867_x_at
              18
                  3.26e-04
                                           212697_at
                                                          1S
                                                              4.5e-04
212740 at
              1S
                  3.28e-04
                                           204605 at
                                                          1S
                                                              4.52e-04
211746 x at
              1S
                  3.32e-04
                                           212584 at
                                                              4.57e-04
                                                          1 S
201687 s at
              15
                  3.32e-04
                                           216221_s_at
                                                         1S
                                                              4.6e-04
210739 x at
              1S
                  3.39e-04
                                           200964 at
                                                          15
                                                              4.61e-04
218334 at
              18
                  3.41e-04
                                           213318 s at
                                                              4.65e-04
                                                         1S
217845 x at
              1S
                  3.42e-04
                                           AFFX-HUMGAPDH/
216526 x at
              1S
                  3.43e-04
                                                              4.67e-04
                                           M33197
                                                         1S
214467 at
              18
                  3.45e-04
                                                              4.67e-04
                                           218364 at
                                                          1S
204509 at
              18
                  3.47e-04
                                                              4.69e-04
                                            201322 at
                                                          1S
```

207507 s at	1S	4.71e-04	202636 at	1s	5.02887e-04
37232 at	1S	4.72e-04	202770_s at	18	5.02887e-04
202118  s at	1S	4.78e-04	202956 at	18	5.02887e-04
216210 x at	1S	4.87e-04	202304 at	18	5.02887e-04
217356_s_at	1S	4.88e-04	202811 at	18	5.02887e-04
205882 x at	1S	4.88e-04	202506 at	18	5.02887e-04
203630 s at	1S	4.9e-04	202568_s_at	15	5.02887e-04
217794 at	1S	4.91e-04	202430 s at	18	5.02887e-04
209187 at	1S	4.91e-04	207168 s at	18	5.02887e-04
221222 s at	1S	4.99e-04	205575 at	18	5.02887e-04
224690_at	1S	5.0e-04	205842_s_at	15	5.02887e-04
44696_at	1S	5.02887e-04	206618 at	18	5.02887e-04
219620_x_at	1S	5.02887e-04	205027 s at	18	5.02887e-04
218854_at	1S	5.02887e-04	205513 at	1S	5.02887e-04
219104_at	1S	5.02887e-04	206150 at	1S	5.02887e-04
219132_at	15	5.02887e-04	205607 <u>s</u> at	1S	5.02887e-04
218738_s_at	1S	5.02887e-04	209295_at	1S	5.02887e-04
218764_at	1S	5.02887e-04	208284_x_at	1S	5.02887e-04
212265_at	1S	5.02887e-04	208540_x_at	1S	5.02887e-04
212916_at	15	5.02887e-04	208709_s_at	1S	5.02887e-04
212717_at	1S	5.02887e-04	209281_s_at	1S	5.02887e-04
213095_x_at	1S	5.02887e-04	209020_at	18	5.02887e-04
212674_s_at	1S	5.02887e-04	208919_s_at	1S	5.02887e-04
213923_at	15	5.02887e-04	208615 <u>s</u> at	1S	5.02887e-04
213918_s_at	1S	5.02887e-04	208310_s_at	1S	5.02887e-04
218113_at	1S	5.02887e-04	208091_s_at	1S	5.02887e-04
218472_s_at	1S	5.02887e-04	200621_at	1S	5.02887e-04
215424_s_at	1S	5.02887e-04	200619_at	18	5.02887e-04
218414_s_at	1S	5.02887e-04	200740_s_at	1S	5.02887e-04
218243_at	1S	5.02887e-04	200733_s_at	18	5.02887e-04
218137_s_at	1S	5.02887e-04	200791_s_at	1S	5.02887e-04
218047_at	1S	5.02887e-04	1729_at	1S	5.02887e-04
218023_s_at 216054_x_at	1S	5.02887e-04	200821_at	1S	5.02887e-04
204849 at	1S 1S	5.02887e-04 5.02887e-04	200669_s_at	1S	5.02887e-04
203620_s_at	1S	5.02887e-04	200096_s_at	1\$	5.02887e-04
203020_s_at 203379_at	1S	5.02887e-04	200723_s_at	1S	5.02887e-04
203574 at	1S	5.02887e-04	201100_s_at 201684 s at	15	5.02887e-04 5.02887e-04
204613 at	1S	5.02887e-04	201004_S_at 201916 s at	1S 1S	5.02887e-04
203778 at	15	5.02887e-04	201910_s_ac 200929 at	1S	5.02887e-04
203827 at	15	5.02887e-04	201196 s at	15	5.02887e-04
203291 at	15	5.02887e-04	200996 at	15	5.02887e-04
204689 at	1S	5.02887e-04	201317 s at	1S	5.02887e-04
203497 at	1S	5.02887e-04	201975 at	18	5.02887e-04
204160_s_at	1S	5.02887e-04	201273 s at	15	5.02887e-04
203800 s at	1S	5.02887e-04	201472 at	18	5.02887e-04
221214_s_at	1S	5.02887e-04	201940 at	1S	5.02887e-04
220865_s_at	1S	5.02887e-04	201425 at	1S	5.02887e-04
221820_s_at	1S	5.02887e-04	201453 x at	1S	5.02887e-04
210878_s_at	1S	5.02887e-04	201500_s_at	1\$	5.02887e-04
211703_s_at	1S	5.02887e-04	201223 s at	1S	5.02887e-04
209682_at	1S	5.02887e-04	201941 at	1S	5.02887e-04
209467_s_at	1S	5.02887e-04	200975_at	1S	5.02887e-04
210296_s_at	1S	5.02887e-04	201589 <u>a</u> t	1S	5.02887e-04
211058_x_at	1S	5.02887e-04	207072 <u>a</u> t	1S	5.05e-04
210213_s_at	1S	5.02887e-04	212896 <u>a</u> t	1S	5.07e-04
211085_s_at	1S	5.02887e-04	220138 <u>a</u> t	1S	5.07186e-04
212124_at	1S	5.02887e-04	221449_s_at	1S	5.07186e-04
212063_at	1S	5.02887e-04	202852_s_at	1S	5.07186e-04
210793_s_at	1S	5.02887e-04	207121_s_at	1S	5.07186e-04
202529_at	1S	5.02887e-04	238462_at	1S	5.08e-04
203138_at	1S	5.02887e-04	201068_s_at	1S	5.09e-04
203206_at	1S	5.02887e-04	219112_at	15	5.15e-04
202128_at	15	5.02887e-04	200629_at	1S	5.17e-04

200828 s at	1S	5.21e-04	219812 at	1S	6.67609e-04
211495 x at	1S	5.22e-04	213666 at	15	6.67609e-04
202060 at	1S	5.24e-04			
			213956_at	1S	6.67609e-04
200818_at	1S	5.28e-04	212961_x_at	1S	6.67609e-04
203691 at	1S	5.34e-04	214305_s_at	1S	6.67609e-04
201384 s at	1S	5.37e-04	214366_s_at	15	6.67609e-04
221873 at	15	5.39e-04	214900_3_40		
			214055_x_at	1S	6.67609e-04
202836_s_at	18	5.43e-04	217729_s_at	1S	6.67609e-04
212371 at	1S	5.5e-04	215739 s at	1S	6.67609e-04
200630 x at	1S	5.5e-04	203713 s at	1S	6.67609e-04
209500 x at	18	5.51e-04	204771_s at		
217836 s at				1S	6.67609e-04
	18	5.53e-04	203506_s_at	1S	6.67609e-04
201360_at	1S	5.53e-04	221507 at	1S	6.67609e-04
200035 at	1S	5.54e-04	212229 s at	1S	6.67609e-04
213366 x at	1S	5.56e-04	211948_x_at	1S	6.67609e-04
209296 at	1S	5.57e-04	205936_s_at	15	
201600 at		5.59e-04			6.67609e-04
	1S		205297_s_at	1S	6.67609e-04
218661_at	15	5.6356e-04	206829_x_at	18	6.67609e-04
218508 <u>a</u> t	1S	5.6356e-04	204890 s at	1S	6.67609e-04
214496 x at	1S	5.6356e-04	206335 at	1S	6.67609e-04
209610 s at	1S	5.6356e-04	209333 at	18	6.67609e-04
210154 at	15	5.6356e-04	209088 s at	15	
206937 at	1S				6.67609e-04
		5.6356e-04	201234_at	1S	6.67609e-04
207627_s_at	1S	5.6356e-04	201602_s_at	1S	6.67609e-04
202286_s_at	1S	~5.66964e-04	201369_s_at	1S	6.67609e-04
206697_s_at	1S	5.66964e-04	213341 at	1S	6.69e-04
204038 s at	1S	5.71e-04	221443 x at	1S	6.71e-04
208791 at	15	5.76e-04	212100_s_at		
218249 at	15	5.83e-04		1S	6.71e-04
			218134_s_at	1S	6.74e-04
207821_s_at	1S	5.86e-04	206698_at	1S	6.76645e-04
201358_s_at	1S	5.89e-04	200998 s at	1S	6.77e-04
221804_s_at	1S	5.92e-04	215038 s at	1S	6.78e-04
203888 at	1S	5.95878e-04	220731_s_at	1S	6.79e-04
203507 at	18	5.95878e-04	216100 s at	15	6.79422e-04
202484_s_at	15	5.96e-04			
202404_3_at			210775_x_at	1S	6.79422e-04
60471_at	1S	6.0e-04	202480_s_at	1S	6.79422e-04
214895_s_at	1S	6.0e-04	202374_s_at	1S	6.79422e-04
201498_at	1S	6.02e-04	205996 s at	1S	6.79422e-04
203323 at	1S	6.11e-04	201264 at	1S	6.79422e-04
222682 <u>s</u> at	1S	6.11e-04	201703 s at	1\$	6.79422e-04
219732 at	18	6.16e-04			
			217763_s_at	18	6.83e-04
213399_x_at			210667_s_at		6.93442e-04
233559_s_at	1S		209653_at	1S	6.93442e-04
201908_at	18	6.21e-04	207085 x at	1S	6.93442e-04
208263_at	1S	6.26e-04	57516 at	1S	6.95e-04
200701 at	1S	6.3e-04	209949_at	18	7.01e-04
222065 s at	1S	6.31e-04	201471 s at		
217717 s at	1S	6.35e-04		1S	7.04e-04
			202141_s_at	1S	7.07e-04
201563_at	15	6.35e-04	208627_s_at	1S	7.1e-04
206139_at	1S	6.37e-04	206028_s_at	1S	7.10327e-04
203405_at	1S	6.39e-04	207117 at	1S	7.10327e-04
217839 at	1S	6.41619e-04	235816 s at	18	7.11e-04
202995_s_at	18	6.41619e-04	208313_s_at	15	7.11e-04
201590 x at	15				
		6.43e-04	201534_s_at	18	7.19e-04
220288_at	1S	6.45e-04	217742_s_at	1S	7.21e-04
203244_at	15	6.48e-04	212199_at	1S	7.22e-04
207466_at	18	6.5e-04	221666 <sup>-</sup> s at	1S	7.24e-04
202038 at	1S	6.55e-04	203234 at	1S	7.31013e-04
212430 at	1S	6.57e-04	208490_x_at	1S	7.31013e 04 7.31013e-04
202077 at	1S	6.57e-04			
			200748_s_at	18	7.33e-04
213491_x_at	1S	6.63e-04	201899_s_at	1S	7.36e-04
219717_at	1S	6.67609e-04	212616_at	1S	7.44e-04
219158_s_at	18	6.67609e-04	217212 <sup>-</sup> s at	1S	7.44434e-04
219228_at	1S	6.67609e-04	206075 s at	1S	7.44434e-04
<del></del>				-5	

220948_s at	1S	7.5e-04	210283_x_at	1S	7.57566e-04
205812_s_at	1S	7.51e-04	212208_at	1S	7.57566e-04
202401_s_at	1\$	7.56876e-04	211763 s at	1S	7.57566e-04
40149_at	15	7.57566e-04	210386 s at	1S	7.57566e-04
35254_at	1S	7.57566e-04	202925 s at	1S	7.57566e-04
46323_at	1S	7.57566e-04	202611_s_at	1S	7.57566e-04
32032_at	1S	7.57566e-04	202362 <u>a</u> t	18	7.57566e-04
64486_at	1S	7.57566e-04	203107 x at	1S	7.57566e-04
59644 at	1S	7.57566e-04	202941 at	1S	7.57566e-04
219426_at	1S	7.57566e-04	202247 s at	1S	7.57566e-04
218534_s_at	1S	7.57566e-04	202393_s_at	1S	7.57566e-04
219549 s at	1S	7.57566e-04	202641 at	1S	7.57566e-04
218761 at	18	7.57566e-04	202443 x at	1S	7.57566e-04
218846_at	1S	7.57566e-04	202687 s at	1S	7.57566e-04
219797_at	1S	7.57566e-04	202457 s at	1S	7.57566e-04
212590_at	1S	7.57566e-04	202446 s at	1S	7.57566e-04
213741_s_at	1S	7.57566e-04	202160 at	1S	7.57566e-04
214919_s_at	1S	7.57566e-04	202215 s at	1S	7.57566e-04
214440_at	1S	7.57566e-04	202543_s_at	1S	7.57566e-04
212752_at	1S	7.57566e-04	202654 x at	1S	7.57566e-04
214511_x_at	1S	7.57566e-04	202767 at	18	7.57566e-04
212895_s_at	1S	7.57566e-04	202239 at	1S	7.57566e-04
212666 at	1S	7.57566e-04	202649 x at	1S	7.57566e-04
212802_s_at	1S	7.57566e-04	205255 x at	1\$	7.57566e-04
212549 at	1S	7.57566e-04	206790_s_at	1S	7.57566e-04
212899 at	1S	7.57566e-04	206240 s at	1S	7.57566e-04
213414 s at	1S	7.57566e-04	205013 s at	1S	7.57566e-04
218262 at	1S	7.57566e-04	205263 at	18	7.57566e-04
218008 at	1S	7.57566e-04	205504 at	18	7.57566e-04
217788 s at	1S	7.57566e-04	205590 at	18	7.57566e-04
217826 s at	1s	7.57566e-04	207347 at	1S	7.57566e-04
217939_s_at	1S	7.57566e-04	208982 at	1S	7.57566e-04
217990 at	1S	7.57566e-04	208066 <u></u> s_at	1S	7.57566e-04
218291 at	1S	7.57566e-04	208438_s_at	1S	7.57566e-04
218093 s at	1S	7.57566e-04	209185 s at	1S	7.57566e-04
217907 at	1S	7.57566e-04	208527 x at	15	7.57566e-04
218124 at	1S	7.57566e-04	208994_s_at	1S	7.57566e-04
217905 at	1S	7.57566e-04	208946 s at	1S	7.57566e-04
216841_s_at	1S	7.57566e-04	209089 at	1S	7.57566e-04
218071 s at	15	7.57566e-04	207545 s at	1S	7.57566e-04
203371 s at	1S	7.57566e-04	208970 s at	1S	7.57566e-04
203897_at	1S	7.57566e-04	208660 at	1S	7.57566e-04
204308_s_at	1S	7.57566e-04	209018 s at	1S	7.57566e-04
203887 <u>s</u> at	1S	7.57566e-04	200838 at	1S	7.57566e-04
204314_s_at	1S	7.57566e-04	200696 s at	1S	7.57566e-04
203512_at	1S	7.57566e-04	200739 s at	1S	7.57566e-04
204859_s_at	1S	7.57566e-04	200744 s at	1S	7.57566e-04
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204646_at	18	7.57566e-04	200039 s at	1S	7.57566e-04
203319_s_at	1S	7.57566e-04	200732_s_at	1S	7.57566e-04
220947_s_at	1S	7.57566e-04	200668_s_at	1S	7.57566e-04
221539_at	15	7.57566e-04	200785_s_at	1S	7.57566e-04
221749_at	18	7.57566e-04	200070 <u>a</u> t	1S	7.57566e-04
221263_s_at	1S	7.57566e-04	201863 <u>a</u> t	1S	7.57566e-04
222077_s_at	1S	7.57566e-04	201173_x_at	1S	7.57566e-04
221059_s_at	1S	7.57566e-04	201172_x_at	1S	7.57566e-04
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211936_at	1S	7.57566e-04	201412 at	1S	7.57566e-04
210644_s_at	1S	7.57566e-04	201343_at	1S	7.57566e-04
210200_at	1S	7.57566e-04	201773_at	1S	7.57566e-04
209901_x_at	1S	7.57566e-04	201221_s_at	1S	7.57566e-04
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                                                          1S
                                                              9.56e-04
201772 at
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                                            209388 at
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                                                              9.79e-04
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200910 at
              1S
                  9.11e-04
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222199 s at
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                  9.17e-04
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209166 s at
              1S
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                                           200779 at
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                                                              1.110165e-03
214843 s at
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                                           1554624 a at 1S
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226414 s at
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214687 x at
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                  9.51e-04
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219981_x_at	1S	1.11587e-03	209221 s at	1S	1.11587e-03
218522 s at	1S	1.11587e-03	209033 s at	1S	1.11587e-03
219157 at	18	1.11587e-03	208716 s at	1S	1.11587e-03
220113 x at	18	1.11587e-03	208018 s at	15	1.11587e-03
218896 s at	15				
		1.11587e-03	208878_s_at	18	1.11587e-03
213128_s_at	1S	1.11587e-03	209418_s_at	1S	1.11587e-03
215000_s_at	1S	1.11587e-03	209250 at	1S	1.11587e-03
212552 at	1S	1.11587e-03	209103 <sup>-</sup> s at	1S	1.11587e-03
212261 at	1S	1.11587e-03	209286 at	1S	1.11587e-03
214629 x at	15	1.11587e-03			
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213292_s_at	18	1.11587e-03	200620_at	1S	1.11587e-03
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218383_at	1S	1.11587e-03	201606_s_at	1S	1.11587e-03
218323_at	1S	1.11587e-03	201705_at	1S	1.11587e-03
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217800 s at	1S	1.11587e-03	201114 x at	1S	1.11587e-03
203732 at	1S	1.11587e-03	201133 s at	1S	1.11587e-03
204082 at	18	1.11587e-03			
			214894_x_at	1S	1.11701e-03
203253_s_at	1\$	1.11587e-03	221190_s_at	1S	1.13543e-03
204683 <u>a</u> t	1S	1.11587e-03	201726_at	1S	1.138291e-03
203880 <u>a</u> t	1S	1.11587e-03	207573 x at	1\$	1.14614e-03
203292 s at	1S	1.11587e-03	202753 at	1S	1.152508e-03
203518 at	1s	1.11587e-03	209510 at	1S	1.15528e-03
221829_s_at	1S	1.11587e-03	201113 at		
221025_s_at 221235 s at	1S		201113_at	1S	1.168348e-03
		1.11587e-03	208655_at	1S	1.169594e-03
222143_s_at	1S	1.11587e-03	214268_s_at	1S	1.170918e-03
221516_s_at	1S	1.11587e-03	219324_at	1S	1.173072e-03
220939_s_at	1S	1.11587e-03	217864 s at	1S	1.193296e-03
221482 s at	1S	1.11587e-03	200052_s_at	1S	1.195567e-03
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212072 s at	1\$	1.11587e-03	201743 at	1S	1.197455e-03
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211742_3_at 211783 s at	1S			1S	1.197841e-03
		1.11587e-03	209831_x_at	1S	1.197841e-03
210340_s_at	1S	1.11587e-03	203513_at	1S	1.198038e-03
211730_s_at	1S	1.11587e-03	222992_s_at	1S	1.199595e-03
209860_s_at	1S	1.11587e-03	211978 x at	1S	1.205097e-03
202182 at	1S	1.11587e-03	218799 at	1S	1.205427e-03
202629_at	1S	1.11587e-03	208315_x_at	18	
202478 at	1S	1.11587e-03	216304 x at	15	1.207234e-03
202532_s_at		1.11587e-03			
202332_5_at			208113_x_at	18	1.210316e-03
202553_s_at	15	1.11587e-03	200859_x_at	1S	1.211266e-03
203202_at	1S	1.11587e-03	212085_at	1S	1.211655e-03
202635_s_at	1S	1.11587e-03	213503 x at	1S	1.213017e-03
202097 at	1S	1.11587e-03	213001 at	1S	1.22434e-03
203039_s_at	1S	1.11587e-03	207755 at	18	1.230329e-03
202660 at	15	1.11587e-03	202021 x at	1S	
202277 at			<b>–</b> –		1.235081e-03
	1S	1.11587e-03		15	1.237978e-03
202540_s_at	1S	1.11587e-03	204882_at	1S	1.248186e-03
202663_at	1S	1.11587e-03	202129_s_at	1S	1.253074e-03
206571_s_at	1S	1.11587e-03	201568 at	1S	1.25367e-03
205003_at	18	1.11587e-03	200936 at	1S	1.258805e-03
206592 s at	1S	1.11587e-03	222447 at	15	1.262136e-03
205370 x at	1S	1.11587e-03	204116 at		
206183 s at				1S	1.267524e-03
	1S	1.11587e-03	217769_s_at	1S	1.282403e-03
207205_at	1S	1.11587e-03	213360_s_at	1S	1.292952e-03
207922_s_at	1S	1.11587e-03	219329_s_at	1S	1.293961e-03
208684_at	1S	1.11587e-03	214606 at	1S	1.303157e-03
207857_at	1S	1.11587e-03	203857 s at	1S	1.303157e-03
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208767 s at	1S	1.11587e-03	200230_X_at 208931 s at		
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216125 s at	1\$	1.322951e-03	223392 s at	1s	1.587877e-03
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206816 s at	15	1.322951e-03	_		
201095 at			37943_at	1S	1.610118e-03
	1S	1.322951e-03	48612_at	18	1.610118e-03
203306_s_at	1S	1.33437e-03	44111_at	1S	1.610118e-03
200679_x_at	18	1.334686e-03	52169_at	1S	1.610118e-03
200945_s_at	18	1.340636e-03	219734 at	1S	1.610118e-03
202355_s_at	1S	1.351064e-03	218588 s at	1S	1.610118e-03
121 at	1S	1.355948e-03	218669 at	1S	1.610118e-03
201 <del>8</del> 03 at	1S	1.359401e-03	220052 s at	1s	1.610118e-03
203945 at	1s	1.359706e-03	218841 at	1S	1.610118e-03
203746_s_at	1S	1.359706e-03			
207093 s at	1S	1.359706e-03	219394_at	1S	1.610118e-03
201507 at			220112_at	1S	1.610118e-03
_	1S	1.360576e-03	218930_s_at	1S	1.610118e-03
222745_s_at	1S	1.364922e-03	213513_x_at	1S	1.610118e-03
212689_s_at	18	1.366135e-03	213061_s_at	18	1.610118e-03
218167_at	1S	1.366471e-03	213361_at	1S	1.610118e-03
200655 <u> s</u> at	1S	1.371342e-03	212322 at	1S	1.610118e-03
207040_s_at	1S	1.382617e-03	212599 at	1S	1.610118e-03
217882 at	1S	1.382898e-03	212726 at	18	1.610118e-03
200015 s at	1S	1.385245e-03	212657 s at	1s	1.610118e-03
201175 at	1s	1.386036e-03	213084 x at	1S	1.610118e-03
224918 x at	18	1.386366e-03			
211972 x at	1S	1.388274e-03	212737_at	1S	1.610118e-03
			212864_at	18	1.610118e-03
205237_at	1S	1.389829e-03	217758_s_at	18	1.610118e-03
217783_s_at	1S	1.394703e-03	217977_at	1S	1.610118e-03
204224_s_at	1S	1.397187e-03	218102_at	18	1.610118e-03
202592_at	1S	1.403139e-03	217916_s_at	1S	1.610118e-03
200816_s_at	18	1.405705e-03	218157 x at	1S	1.610118e-03
210427_x_at	1S	1.409107e-03	218142_s_at	1S	1.610118e-03
217938 s at	1S	1.413929e-03	218085 at	1S	1.610118e-03
208876 s at	1S	1.424401e-03	217815 at	15	1.610118e-03
209330_s_at	1S	1.424963e-03	218202 x at	15	1.610118e-03
210629 x at	1S	1.426183e-03	218039 at	1S	
210438 x at	15	1.444186e-03	218394 at		1.610118e-03
212020_s_at	15	1.450182e-03		1S	1.610118e-03
221718 s at	1S		218037_at	15	1.610118e-03
		1.45094e-03	218426_s_at	1S	1.610118e-03
207630_s_at	1S	1.469697e-03	204446_s_at	15	1.610118e-03
220953_s_at	15	1.470998e-03	203884_s_at	1S	1.610118e-03
218597_s_at	1S	1.476515e-03	203445_s_at	1S	1.610118e-03
210504_at	1S	1.476515e-03	203433_at	1S	1.610118e-03
204192_at	1S	1.477643e-03	203566_s_at	1S	1.610118e-03
201530_x_at	1S	1.481414e-03	204246_s_at	1S	1.610118e-03
219070_s_at	1S	1.482855e-03	204177 s at	1S	1.610118e-03
204409 s at	1S	1.482855e-03	203992 s at	1S	1.610118e-03
210692_s_at	1S	1.482855e-03	203814 s at	18	1.610118e-03
209083 at	1S	1.491044e-03	204206 at	15	1.610118e-03
200778 s at	15	1.496911e-03	220761_s_at	1S	1.610118e-03
213746 s at	1S	1.498903e-03	221046 s at		
201356 at	1S	1.512759e-03		1S	1.610118e-03
_			221234_s_at	1S	1.610118e-03
214428_x_at	1S	1.517482e-03	209555_s_at	1S	1.610118e-03
221014_s_at	1S	1.517557e-03	210140_at	1S	1.610118e-03
201389_at	1S	1.518076e-03	210117_at	1S	1.610118e-03
200729_s_at	1S	1.532065e-03	211433_x_at	1S	1.610118e-03
214736_s_at	1S	1.534792e-03	211984 at	1S	1.610118e-03
200807_s_at	1S	1.539466e-03	209943 at	1S	1.610118e-03
218671 s at	1S	1.540044e-03	209579 s at	15	1.610118e-03
208667 s at	1S	1.545634e-03	210145 at	1S	1.610118e-03
204599 s at	15	1.550807e-03	209574 s at	1S	1.610118e-03
201366 at	18	1.553303e-03			
200712 s at	1S		210288_at	1S	1.610118e-03
213418 at		1.554922e-03	203110_at	1S	1.610118e-03
	1S	1.571944e-03	202569_s_at	18	1.610118e-03
216194_s_at	1S	1.575452e-03	202025_x_at	18	1.610118e-03

202207 at	1S	1.610118e-03	212600 s at	1S	1.72914e-03
202163 s at	15	1.610118e-03	225985 at	15	1.729971e-03
202373 s at	18	1.610118e-03	223303_at	1S	1.741482e-03
202650 s at	15	1.610118e-03		1S	
202462 s at			203134_at		1.746851e-03
	1S	1.610118e-03	212852_s_at	1S	1.75304e-03
202645_s_at	1S	1.610118e-03	219165_at	1S	1.754922e-03
202874_s_at	18	1.610118e-03	37425 <u>g</u> at	1S	1.760333e-03
205174_s_at	18	1.610118e-03	205322 <u>s</u> at	1S	1.772867e-03
205510_s_at	1S	1.610118e-03	212515 s at	1S	1.775946e-03
206061_s_at	1S	1.610118e-03	218996 at	1S	1.786039e-03
205992 s at	1S	1.610118e-03	227651 at	1S	1.787389e-03
206026_s_at	1S	1.610118e-03	200065 s at	18	1.808089e-03
205603 s at	1\$	1.610118e-03	201901 s at	1S	1.809818e-03
209380 s at	1S	1.610118e-03	201032 at	1S	1.809888e-03
209130 at	15	1.610118e-03	219672 at	1S	1.82034e-03
208875 s at	1S	1.610118e-03	205270 s at		
				1S	1.829613e-03
208834_x_at	1S	1.610118e-03	208695_s_at	1S	1.832185e-03
207719_x_at	1S	1.610118e-03	215535_s_at	1S	1.835358e-03
208825_x_at	1S	1.610118e-03	217020_at	1S	1.84107e-03
208895_s_at	1S	1.610118e-03	215719_x_at	1S	1.84501e-03
208678_at	1S	1.610118e-03	218789_s_at	1S	1.848115e-03
208056_s_at	1S	1.610118e-03	210875_s_at	1S	1.848115e-03
209186_at	1S	1.610118e-03	1565162 s at	1S	1.864471e-03
200786 at	1S	1.610118e-03	217718 s at	1S	1.865634e-03
200594 x at	1S	1.610118e-03	212901 s at	15	1.866093e-03
200794_x_at	1S	1.610118e-03	202531 at	1S	1.877039e-03
201009 s at	15	1.610118e-03	211883 x at	1S	1.884678e-03
200983 x at	1S	1.610118e-03	201232 s at	15	1.885814e-03
201527 at	15	1.610118e-03	218471 s at	1S	1.886379e-03
201491 at	1S	1.610118e-03	207808 s at		
201431_at 201574 at	1S			1S	1.886379e-03
201374_at 201456 s at		1.610118e-03	225208_s_at	1S	1.89058e-03
	1S	1.610118e-03	224789_at	1S	1.891129e-03
201176_s_at	1S	1.610118e-03	201549_x_at	1S	1.899587e-03
201594_s_at	18	1.610118e-03	212794_s_at	15	1.90119e-03
201088_at	1S	1.610118e-03	218172_s_at	15	1.910669e-03
201089_at	18	1.610118e-03	218979_at	1S	1.911121e-03
201865_x_at	1S	1.610118e-03	214866 <u>a</u> t	1S	1.911121e-03
202899_s_at	1\$	1.613723e-03	213127_s_at	1S	1.911121e-03
220078_at	1S	1.617918e-03	213133_s_at	1S	1.911121e-03
212259_s_at	18	1.617918e-03	213301 x at	1S	1.911121e-03
213958_at	1S	1.617918e-03	221867 at	1S	1.911121e-03
212634_at	1S	1.617918e-03	201053 s at	1S	1.911121e-03
212462_at	1S	1.617918e-03	212144 at	1S	1.91218e-03
218006 s at	1S	1.617918e-03	206342 <u>x</u> at	1S	1.912404e-03
204275 at	1S	1.617918e-03	207571 x at	1S	1.914575e-03
221601_s_at	1S	1.617918e-03	213622 at	1S	1.923172e-03
210981_s_at	1S	1.617918e-03	203221 at	1S	1.928441e-03
202208_s_at	15	1.617918e-03	208734 x at	15	1.934221e-03
203247 s at	1S	1.617918e-03	213798 s at	1S	
201959 s at	1S	1.617918e-03	202166 s at		1.946406e-03
200968 s at	1S	1.617918e-03		1S	1.957746e-03
			208656_s_at	1S	1.962171e-03
217899_at	1S	1.62424e-03	205310_at	1S	1.963055e-03
212015_x_at	1S	1.644751e-03	204031_s_at	1\$	1.969584e-03
204361_s_at	1S	1.649168e-03	211581_x_at	1S	1.973504e-03
211975_at	1S	1.655613e-03	201280_s_at	1S	1.991158e-03
209022_at	1S	1.661241e-03	214039_s_at	1S	1.991777e-03
203579_s_at	1S	1.665808e-03	204118_at	1S	1.995424e-03
218852_at	1S	1.671324e-03	204265 s at	1S	2.011001e-03
208296_x_at	1S	1.676114e-03	201953 at	18	2.014553e-03
202018 s at	1S	1.678702e-03	204568 at	1S	2.019864e-03
200761_s_at	1S	1.694908e-03	204300_at	1S	2.023406e-03
202257 s at	15	1.712874e-03	200376_ac 207339 s at	1S	2.028846e-03
205040 at	15	1.712874e-03	200833 s at		
211378 x at	1S	1.72574e-03 1.725211e-03	200633_s_at 201696 at	1S	2.065948e-03 2.074503e-03
,oa_	10	1.7202116 00	201030_at	18	2.0745036-03

200850 s at	1S	2.075304e-03	210249_s_at	1S	2.279612e-03
209106 at	18	2.088784e-03	202047_s_at	1S	2.279612e-03
206920 s at	1S	2.10639e-03	203186_s_at	18	2.279612e-03
209184 s at	1S	2.10975e-03	202241 at	15	2.279612e-03
209154 at	18	2.111444e-03	202181 at	1S	2.279612e-03
208152 s at	1S	2.111755e-03	202519 at	1S	2.279612e-03
202348 s at	15	2.114148e-03	202794 at	1S	2.279612e-03
221561 at	1S	2.129611e-03	202402 s at	1S	2.279612e-03
200066 at	18	2.139246e-03	202429 s at	1S	
208797 s at	1S	2.148669e-03	202907 s at		2.279612e-03
214574 x at	1S	2.179183e-03		1S	2.279612e-03
221210 s at	1S	2.193172e-03	202742_s_at	1S	2.279612e-03
212034 s at	1S	2.201228e-03	202527_s_at	1S	2.279612e-03
203973 s at			207358_x_at	1S	2.279612e-03
	1S	2.220729e-03	207196_s_at	1S	2.279612e-03
204532_x_at	1S	2.223284e-03	205716_at	1S	2.279612e-03
201245_s_at	1S	2.228601e-03	206934_at	1S	2.279612e-03
200711_s_at	1S	2.235813e-03	207275_s_at	15	2.279612e-03
218255_s_at	1S	2.236895e-03	204924_at	18	2.279612e-03
217732_s_at	1S	2.240627e-03	206050_s_at	1S	2.279612e-03
201399_s_at	18	2.24593e-03	209218_at	1S	2.279612e-03
217766_s_at	15	2.249525e-03	209367 <u>a</u> t	1S	2.279612e-03
218611 <u>a</u> t	1\$	2.263839e-03	207986_x_at	1S	2.279612e-03
221597_s_at	1S	2.268601e-03	207618_s_at	1S	2.279612e-03
57163_at	1S	2.271529e-03	208405_s_at	1S	2.279612e-03
21388 <mark>1_x_at</mark>	1S	2.273263e-03	209005_at	18	2.279612e-03
47069_at	18	2.279612e-03	207700_s_at	1S	2.279612e-03
49077 <u>a</u> t	1S	2.279612e-03	208200 at	18	2.279612e-03
64438_at	1S	2.279612e-03	209248 at	18	2.279612e-03
220071_x_at	1S	2.279612e-03	209063 <u>x</u> at	1S	2.279612e-03
219544 at	1S	2.279612e-03	208955 at	1S	2.279612e-03
220368_s at	1S	2.279612e-03	207677 s at	1S	2.279612e-03
219259_at	1S	2.279612e-03	200040 at	1S	2.279612e-03
220202_s_at	1S	2.279612e-03	200085_s_at	1S	2.279612e-03
219015 s at	1S	2.279612e-03	200071 at	15	2.279612e-03
214512 s at	1S	2.279612e-03	200667 at	1S	2.279612e-03
213902_at	1S	2.279612e-03	200823_x_at	1S	2.279612e-03
212476 at	1S	2.279612e-03	200725_x_at	1S	2.279612e-03
212496 s at	1S	2.279612e-03	201296 s at	15	2.279612e-03
213557 at	1S	2.279612e-03	201623 s at	18	2.279612e-03
214663 at	15	2.279612e-03	201190 s at	15	2.279612e-03
212931 at	1S	2.279612e-03	201179_s_at	1S	2.279612e-03
214658 at	1S	2.279612e-03	201713 s at	18	2.279612e-03
216088 s at	1S	2.279612e-03	201475 x at	1S	2.279612e-03
217825 s at	1S	2.279612e-03	200869 at	15	2.279612e-03
218043_s_at	1s	2.279612e-03	201297 s at	15	2.279612e-03
217863 at	15	2.279612e-03	202306 at	1S	2.291403e-03
218117 at	15	2.279612e-03	207697 x at	1S	2.291823e-03
217941 s at	1S	2.279612e-03	209028 s at	15	2.293552e-03
218135 at	1S	2.279612e-03	212581 x at	1S	2.296167e-03
204099 at	18	2.279612e-03	201861_s_at	15	
204226 at	1S	2.279612e-03	201801_s_at 218478_s_at	1S	2.298947e-03 2.30155e-03
203275 at	15	2.279612e-03	217970 s at		2.313211e-03
203561 at	15	2.279612e-03	217970_s_at 218111 s at	1S	
204496 at		2.279612e-03		1S	2.313211e-03
204496_at 203761 at	1S		209595_at	1S	2.313211e-03
_	1S	2.279612e-03	200789_at	1S	2.313211e-03
203693_s_at	1S	2.279612e-03	210044_s_at	1S	2.331729e-03
203665_at	1S	2.279612e-03	208206_s_at	1S	2.338583e-03
203416_at	1S	2.279612e-03	201001_s_at	1S	2.34375e-03
221218_s_at	1S	2.279612e-03	206499_s_at	18	2.353848e-03
210926_at	1S	2.279612e-03	204174_at	1S	2.359473e-03
209907_s_at	1S	2.279612e-03	202110_at	1S	2.361728e-03
209593_s_at	1\$	2.279612e-03	223064_at	1S	2.363847e-03
212202_s_at	1S	2.279612e-03	203310 <u>a</u> t	1S	2.37418e-03
209604_s_at	1S	2.279612e-03	208616_s_at	1S	2.38185e-03

208623_s_at	1S	2.385799e-03	010700 -+	10	0 77041 00
200025_S_at			219788_at	18	2.77841e-03
213175_s_at	1S	2.389233e-03	221702_s_at	1S	2.780563e-03
201597 at	1S	2.400372e-03	209972 s at	1S	2.786001e-03
214181 x at	1S	2.410841e-03	201989 s at	1S	2.797822e-03
201752 s at	15				
		2.411885e-03	215548_s_at	18	2.802877e-03
215735_s_at	1S	2.418118e-03	201604_s_at	1S	2.819772e-03
203825 at	1S	2.418118e-03	214578_s_at	1S	2.842928e-03
222133 s at	1S	2.418118e-03	225593 at	1\$	2.848627e-03
211060 x at	15	2.418118e-03			
			218226_s_at	18	2.850305e-03
207088_s_at	1S	2.418118e-03	207674_at	1S	2.851109e-03
206059_at	1S	2.418118e-03	202856 s at	1S	2.857666e-03
1294 at	1S	2.418118e-03	91816_f_at	1S	2.859495e-03
$2018\overline{9}2 \text{ s at}$	1S	2.418118e-03	218625 at		
201561_s_at				1S	2.863542e-03
	1S	2.418118e-03	207707_s_at	1S	2.863542e-03
212696_s_at	18	2.433463e-03	207305 s at	1S	2.876993e-03
208713 at	1S	2.442083e-03	200776 s at	1S	2.88023e-03
220292 at	1s	2.464472e-03	206488 s at	1S	2.884307e-03
208472 at	18	2.467809e-03			
			200599_s_at	1S	2.890077e-03
216899_s_at	18	2.468492e-03	201647_s_at	1S	2.895993e-03
202658_at	1S	2.475895e-03	206533 at	1S	2.9064e-03
1557915_s_at	1S	2.479916e-03	211765 x at	1S	2.915883e-03
205799 s at	1S	2.482267e-03	212782 x at	1S	2.923657e-03
201429 s at					
	1S	2.482817e-03	201457_x_at	1S	2.936422e-03
212886_at	1S	2.485602e-03	214743_at	1S	2.946484e-03
201950_x_at	1S	~2.490112e-03	213761 at	1S	2.961693e-03
58367_s_at	1S	2.492385e-03	210757 x at	1S	2.969159e-03
216032 s at	1S	2.497106e-03	204164 at	15	2.973134e-03
212352 s at	1S	2.502487e-03	204220 at	1S	2.989284e-03
218942 at	1S	2.535996e-03			
			213915_at	1S	3.002418e-03
219931_s_at	1S	2.535996e-03	204759_at	1S	3.009081e-03
219669_at	1S	2.535996e-03	212266_s_at	1\$	3.018613e-03
203764_at	1S	2.535996e-03	213357 at	1S	3.026147e-03
206871 at	1s <sup>-</sup>	2.535996e-03	203051 at	1S	3.046164e-03
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209202 s at	1S	2.535996e-03	221267 s at		
201482 at				1S	3.075959e-03
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204159_at	1S	2.536609e-03	211759_x_at	1S	3.098106e-03
209643_s_at	1S	2.536609e-03	200670 at	1S	3.099402e-03
204837 at	1S	2.54445e-03	203923 s at	1S	3.101857e-03
218563 at	1S	2.553884e-03	212041 at	1S	3.11493e-03
215773_x_at	1S	2.567123e-03	203385 at		3.134891e-03
210240 s at	1S	2.587067e-03		1S	
			160020_at	1S	3.144159e-03
218026_at	15	2.598064e-03	201225_s_at	1S	3.150313e-03
210146_x_at	1S	2.630667e-03	209453 at	1S	3.165971e-03
212192_at	1S	2.632233e-03	202702 at	1S	3.171257e-03
219293_s at	1S	2.656509e-03	41469 at	1S	3.171373e-03
200762 at	1S	2.658683e-03	219397_at	1S	3.171373e-03
226726 at	1S	2.662666e-03	210070		
			219979_s_at	1S	3.171373e-03
205788_s_at	1S	2.671125e-03	212991_at	1S	3.171373e-03
212744_at	1S	2.671223e-03	212492 s at	1S	3.171373e-03
205022 s at	1S	2.673885e-03	212669_at	1S	3.171373e-03
204010 s at	1S	2.680949e-03	212917_x_at	1S	3.171373e-03
38892 at	1S	2.681201e-03	213940 s at	15	3.171373e-03
203396 at	15				
		2.690978e-03	214853_s_at	1S	3.171373e-03
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206845_s_at	1S	2.703882e-03	213883_s_at	1S	3.171373e-03
200638_s_at	1S	2.704872e-03	212561 at	1S	3.171373e-03
208095 s at	1S	2.718506e-03	212277 at	15	3.171373e-03
200633 at	1S	2.723032e-03	212861 at	1S	3.171373e 03 3.171373e-03
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200883_at	1S	2.762199e-03	218286 s at	1S	3.171373e-03
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202032_s_at	1S	4.340802e-03	219963_at	1S	4.659215e-03
202708_s_at	1S	4.340802e-03	209772_s_at	1S	4.659215e-03
202397_at	1S	4.340802e-03	202278_s_at	1S	4.659215e-03
203140_at	1S	4.340802e-03	206756_at	18	4.659215e-03
202731_at	15	4.340802e-03	216262_s_at	1S	4.664919e-03
202068_s_at	1S	4.340802e-03	210097_s_at	1S	4.680023e-03
202422_s_at	1S	4.340802e-03	209026_x_at	1S	4.68934e-03
205684_s_at	1S	4.340802e-03	217772 <u> s</u> at	1S	4.732743e-03
204971_at	18	4.340802e-03	203272_s_at	1S	4.732743e-03
204891_s_at	1S	4.340802e-03	209681_at	1S	4.732743e-03
205383_s_at	18	4.340802e-03	205158_at	1S	4.732743e-03
205539_at	18	4.340802e-03	201826_s_at	1S	4.732743e-03
209054_s_at	18	4.340802e-03	211366_x_at	1\$	4.747762e-03
209043_at	1S	4.340802e-03	200027_at	1S	4.752564e-03
208270_s_at	1S	4.340802e-03	218077_s_at	1S	4.759688e-03
209438_at	1S	4.340802e-03	202607_at	18	4.759688e-03
207601_at	18	4.340802e-03	204336_s_at	1S	4.764814e-03
208741_at	18	4.340802e-03	225707_at	1S	4.779292e-03
200781_s_at	1S	4.340802e-03	201010 <u></u> s_at	1S	4.783098e-03
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200827_at	1S	4.340802e-03	206672 <u>a</u> t	1S	4.797658e-03
200814_at	1S	4.340802e-03	206244_at	1\$	4.797658e-03
201129_at	18	4.340802e-03	202646_s_at	1S	4.798528e-03
201154_x_at	1S	4.340802e-03	201827_at	1S	4.798706e-03
201435_s_at	18	4.340802e-03	203663_s_at	18	4.800559e-03
201218_at	1S	4.340802e-03	210649_s_at	18	4.810804e-03
201795_at	1S	4.340802e-03	35201_at	1S	4.815659e-03
201183_s_at	1S	4.340802e-03	202664_at	1S	4.826393e-03
201914_s_at	1S	4.340802e-03	212014_x_at	18	4.861015e-03
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210208_x_at	1S	4.375129e-03	225498_at	1S	4.885672e-03
209492_x_at 1553252 a at	1S	4.380445e-03	200023_s_at	1S	4.905354e-03
207300 s at		4.382838e-03	219149_x_at	1S	4.907504e-03
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221681_s_at	1S	4.397405e-03	200726_at	1S	4.989385e-03
200078 s at	1S	4.426625e-03	202122_s_at	1S	4.989591e-03
220363 s at	1S	4.433977e-03	225783_at	1S	4.993965e-03
	1S	4.452286e-03	213396_s_at	1S	5.028596e-03
214088_s_at 203136 at	1S	4.452286e-03	219457_s_at	1S	5.038728e-03
<del></del>	1S	4.480053e-03	215336_at	1S	5.038728e-03
204949_at	1S	4.486835e-03	204445_s_at	1S	5.038728e-03
211922_s_at 209069 s at	1S	4.512402e-03	204630_s_at	1S	5.038728e-03
209069_s_at 218659 at	1S	4.522578e-03	204633_s_at	1S	5.038728e-03
218659_at 221050_s_at	1S	4.531843e-03	202281_at	1S	5.038728e-03
202700 s at	1S	4.540706e-03	205963_s_at	1S	5.038728e-03
	1S	4.540706e-03	209215_at	1S	5.038728e-03
219467_at 200890 s at	1S	4.573174e-03	50221_at	1S	5.049204e-03
	1S	4.583364e-03	214988_s_at	15	5.056205e-03
202975_s_at 218192 at	1S	4.585327e-03	203799_at	1S	5.09091e-03
218192_at 200810 s at	1S	4.587996e-03	219632_s_at	1S	5.121073e-03
200610_s_at 204640 s at	1S 1S	4.589835e-03	219318_x_at	1S	5.144727e-03
204040_5_aL	13	4.59715e-03	218065_s_at	1S	5.160341e-03

214459 x at	1S	5.199945e-03	74694_s at	1S	5.852224e-03
208854_s_at	1S	5.202194e-03	21850 <u>2</u> s_at	18	5.852224e-03
204355 at	15	5.203847e-03	218520 at	1S	5.852224e-03
211733 x at	1S	5.205141e-03	219528 s at	15	5.852224e-03
202888 <u>s</u> at	18	5.216181e-03	218676 s at	15	5.852224e-03
203376 at	1S	5.229685e-03	219190 s at	15	5.852224e-03
200788 s at	1s	5.24107e-03	218809 at	18	5.852224e-03
210774 s at	1S	5.245005e-03	219371 s at	1S	5.852224e-03
218648 at	1s	5.248982e-03	219770 at	18	5.852224e-03
219975_x_at	1S	5.262293e-03	214783 s at	1s	5.852224e-03
200004 at	1S	5.27265e-03	213115 at	1s	5.852224e-03
37966 at	1S	5.275516e-03	212872_s_at	1S	5.852224e-03
211307_s_at	15	5.275516e-03	213671 s at	1\$	5.852224e-03
201580 s at	1S	5.28115e-03	214594 x at	18	5.852224e-03
211100_x_at	1S	5.284715e-03	215049 x at	18	5.852224e-03
208306 x at	15	5.28857e-03	212403 at	15	5.852224e-03
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208360 s at	1S	5.305212e-03	217900 at	1S	5.852224e-03
215823_x_at	1S	5.317673e-03	218138 at	1S	5.852224e-03
202738_s_at	1S	5.323149e-03	217980 s at	1S	5.852224e-03
202008_s_at	1S	5.332569e-03	217880 at	18	5.852224e-03
233929_x_at	1S	5.33647e-03	217730 at	1S	5.852224e-03
209482_at	18	5.338716e-03	218228_s_at	1S	5.852224e-03
209649_at	1S	5.338716e-03	204387 x at	1S	5.852224e-03
205841 <u>a</u> t	1S	5.338716e-03	204800_s_at	1S	5.852224e-03
201625_s_at	1S	5.338716e-03	203384_s_at	1S	5.852224e-03
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202797_at	18	5.355531e-03	203525_s_at	1S	5.852224e-03
209058_at	15	5.37637e-03	221044 <u>_</u> s_at	1S	5.852224e-03
219493_at	1S	5.379108e-03	220864 <u> </u>	1S	5.852224e-03
221932_s_at	1S	5.379108e-03	222052_at	18	5.852224e-03
217480_x_at	1S	5.410739e-03	220591_s_at	1\$	5.852224e-03
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203528_at	15	5.422008e-03	210944_s_at	1S	5.852224e-03
204710_s_at 200691_s_at	1S	5.438695e-03	210401_at	1S	5.852224e-03
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205394 at	1S	5.45004e-03 5.45004e-03	211671_s_at 211623 s at	1S	5.852224e-03
211133 x at	1S	5.476715e-03	211023_S_at 212136 at	1S 1S	5.852224e-03
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200057 s at	15	5.508467e-03	202798 at	1S	5.852224e-03
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218655_s_at	1S	5.527265e-03	202544 at	15	5.852224e 03
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208877 at	1S	5.556339e-03	203008_x_at	1S	5.852224e-03
220578_at	1S	5.577349e-03	202662 s at	15	5.852224e-03
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202398_at	18	5.69183e-03	202690 <u> </u>	1S	5.852224e-03
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219330_at	1S	5.70391e-03	205469 <u>    s    at</u>	1S	5.852224e-03
200754_x_at	18	5.706496e-03	207238_s_at	1S	5.852224e-03
210039_s_at	1S	5.72294e-03	207131 <u>x</u> at	1S	5.852224e-03
202918_s_at	1S	5.739708e-03	206765_at	1S	5.852224e-03
78047_s_at	1S	5.7664e-03	205300 <u>s_</u> at	1S	5.852224e-03
210756_s_at	1S	5.768308e-03	206576 <u>s</u> at	1S	5.852224e-03
201339_s_at	1S	5.786037e-03	208809_s_at	1S	5.852224e-03
203836_s_at	18	5.815131e-03	207783_x_at	1S	5.852224e-03
210092_at	1S	5.817216e-03	209004_s_at	1S	5.852224e-03
222175_s_at	1S	5.828945e-03	208887_at	18	5.852224e-03
225692_at 215633 x at	1S	5.832364e-03	200703_at	1S	5.852224e-03
31845 at	1S 1S	5.849246e-03	200989_at	1S	5.852224e-03
21042_ac	13	5.852224e-03	201170_s_at	1S	5.852224e-03

200931_s at	10	F 050004 00	F00=-		
200931_s_at	15	5.852224e-03	53071_s_at	1S	6.684383e-03
201138_s_at	15	5.852224e-03	36994 at	1S	6.687451e-03
201972 at	1S	5.852224e-03	200700 <u> s at</u>	1S	6.697332e-03
201214 s at	18	5.852224e-03	209894 at		
201065+				15	6.697788e-03
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201595 s at	1\$	5.931526e-03	207597 at		
202518 at				1S	6.70475e-03
	18	5.959778e-03	218997 <u>a</u> t	1S	6.705438e-03
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208778 s at	1S	5.989439e-03	217491 x at	15	6.708843e-03
203162_s_at					
203102_S_at	1S	5.998843e-03	208737_at	1S	6.712315e-03
209172 <u> </u>	1S	6.01218e-03	202371 at	1S	6.723515e-03
218031 s at	18	6.02603e-03	36936 <u>a</u> t	1S	6.725622e-03
211956 s at	18	6.060759e-03			
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202296_s_at	1S	6.069805e-03	208407_s_at	18	6.816088e-03
201637 s at	1S	6.071991e-03	218999 at	1S	6.820683e-03
204295 at	1S	6.095809e-03	208925 at	15	
205230 at					6.835778e-03
	1S	6.095809e-03	216250_s_at	1S	6.853092e-03
206371_at	1S	6.095809e-03	202233 s at	1S	6.865454e-03
222218_s_at	1S	6.100695e-03	206854 s at	1S	6.897254e-03
208687 x at	15	6.110018e-03	<b>—</b> —		
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218373_at	1S	6.118185e-03	211924_s_at	1S	6.911106e-03
203718 at	1S	6.119007e-03	212586 at	1S	6.94996e-03
200773 x at	1S	6.12143e-03	241353 s at	18	
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		6.149205e-03	219012_s_at	18	6.965684e-03
212450_at	1S	6.163765e-03	219238 at	1S	6.965684e-03
213738 s at	1S	6.185138e-03	221670 s at	1S	6.965684e-03
202659 at	1S	6.199132e-03	213775 x at		
				1S	7.022885e-03
221339_at	1S	6.200034e-03	219667_s_at	1S	7.052028e-03
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202757 at	1S	6.219403e-03	203669 s at	1S	7.052028e-03
209067 s at	1S	6.222259e-03			
			222132_s_at	1S	7.052028e-03
202004_x_at	1S	6.236348e-03	211251_x_at	1S	7.052028e-03
205773 at	1S	6.255613e-03	211685 s at	1S	7.052028e-03
201357_s_at	1S	6.257008e-03	202782_s_at	1S	7.052028e-03
204507 s at	1S		202702_3_ac		
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223454_at	1\$	6.282805e-03	201886 at	1S	7.052028e-03
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211991_s_at					
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215452_x_at	1S	6.363403e-03	213694 at	1S	7.093557e-03
211806 s at	1S	6.384852e-03	204806 x at	1S	7.139918e-03
202634 at	1S	6.388571e-03	213280 at		· ·
				1S	7.149783e-03
200601_at	18	6.442144e-03	201786 <u>s</u> at	1S	7.153546e-03
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220832_at	1S	6.498736e-03	217122 s at	1S	7.185174e-03
209879 at	1S	6.500112e-03			
			215836_s_at	1S	7.205923e-03
218020_s_at	1S	6.506784e-03	207522_s_at	1S	7.221863e-03
201004_at	1S	6.507033e-03	209970 x at	1S	7.250419e-03
204084_s_at	1S	6.512665e-03	218729 at	1S	7.258055e-03
201736_s_at	18	6.525667e-03	<del></del>		
			213524_s_at	1S	7.258055e-03
201231_s_at	1S	6.530294e-03	204669 s at	1S	7.258055e-03
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202713 s at	1S	6.536052e-03	205306 x at	18	7.258055e-03
219033 at	1S				
		6.562043e-03	201915_at	1S	7.258055e-03
1555811_at	1S	6.582006e-03	· 218159 at	1S	7.258498e-03
231948 s at	1S	6.587717e-03	208911 <u>_</u> s_at	1S	7.258498e-03
202783 at	1S	6.594301e-03	201571		
			201571_s_at	18	7.308342e-03
203100_s_at	1S	6.602656e-03	200768_s_at	1S	7.315478e-03
202642_s_at	1S	6.610581e-03	201788 at	1S	7.327052e-03
215492 x at	1S	6.61438e-03	208766 s at	1s	7.350974e-03
204404 at	1S	6.621493e-03			
_			20139 <b>4_</b> s_at	1S	7.352441e-03
200094_s_at	1S	6.670707e-03	225320 at	1S	7.382166e-03
218316_at	1S	6.676242e-03	221484 at	1S	7.388031e-03
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201227_s_at
                  7.423815e-03
              18
                                                             7.779292e-03
                                           205016 at
                                                         18
209945_s_at
              18
                   7.428818e-03
                                           205930 at
                                                         1S
                                                             7.779292e-03
212252 at
              1S
                   7.496363e-03
                                           207198_s_at
                                                             7.779292e-03
                                                         18
203674 at
              1S
                   7.505552e-03
                                           205467 at
                                                             7.779292e-03
                                                         1S
218371_s_at
              18
                   7.534093e-03
                                           206792 x at
                                                         1S
                                                             7.779292e-03
203426 s_at
              1S
                   7.536739e-03
                                           207809 s at
                                                         18
                                                             7.779292e-03
                   7.557581e-03
219357 at
                                           208967_s_at
207605_x_at
              1S
                                                         18
                                                             7.779292e-03
212213_x_at
                   7.577386e-03
              1.5
                                                         1S
                                                             7.779292e-03
201379_s_at
                   7.579028e-03
                                           209003 at
              1S
                                                         1S
                                                             7.779292e-03
219004 s at
              18
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                                           200596_s_at
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                                                             7.779292e-03
203204 s at
                  7.581425e-03
              1S
                                           200716_x_at
                                                             7.779292e-03
                                                         1S
203420 at
                                           200721_s_at
              1S
                  7.61053e-03
                                                         1.5
                                                             7.779292e-03
203345 s at
                                           202000_at
              1S
                  7.619144e-03
                                                         1$
                                                             7.779292e-03
204493 at
                                           201999<u>s</u>at
              1S
                  7.634607e-03
                                                         1S
                                                             7.779292e-03
36564 at
              18
                  7.65393e-03
                                           201730 s at
                                                             7.779292e-03
                                                         1S
201740 at
              1S
                  7.679804e-03
                                           201963_at
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205172_x_at
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200825_s_at
                  7.77035e-03
              1S
                                           201850 at
                                                         1S
                                                             7.779292e-03
225132_at
              18
                  7.778448e-03
                                           201997 s at
                                                         1s
                                                             7.779292e-03
40255_at
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              1S
                                           201423 s at
                                                         1S
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                                           226283_at
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                                                             7.79604e-03
219862_s_at
                  7.779292e-03
              1S
                                           207419 s_at
                                                         1S
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220244_at
              15
                                           202693_s_at
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218580_x_at
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              1S
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                                                         1S
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                  7.779292e-03
218652_s_at
              1S
                                           218950 at
                                                         18
                                                             7.869568e-03
                  7.779292e-03
213208_at
              1S
                                           203380 x at
                                                         1S
                                                             7.870558e-03
212833_at
                  7.779292e-03
              1S
                                           217478 s at
                                                         1S
                                                             7.886023e-03
212888_at
                  7.779292e-03
              15
                                           206332 s at
                                                         18
                                                             7.913048e-03
                  7.779292e-03
213687_s_at
              1S
                                           48825 at
                                                         18
                                                             7.933939e-03
213603 s at
              1S
                  7.779292e-03
                                           219952 s at
                                                         15
                                                             7.933939e-03
                  7.779292e-03
212947_at
              18
                                           208885 at
                                                         1S
                                                             7.940401e-03
212971_at
                  7.779292e-03
              1S
                                           203304 at
                                                         1$
                                                             7.942203e-03
                  7.779292e-03
216308_x_at
              1S
                                           203340 s at
                                                         1S
                                                             7.942853e-03
217983_s_at
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                  7.779292e-03
                                           209605_at
                                                         1S
                                                             7.942853e-03
218168_s_at
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                  7.779292e-03
                                           205072 s at
                                                         1S
                                                             7.942853e-03
218379_at
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                                           201506_at
                                                         1S
                                                             7.969985e-03
                  7.779292e-03
218333_at
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                                           207791 s at
                                                         1S
                                                             7.972715e-03
217797_at
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                                           201198 s at
                                                         15
                                                             7.988775e-03
                  7.779292e-03
217286_s_at
              1S
                                           201171 at
                                                         1S
                                                             8.001309e-03
                  7.779292e-03
203974 at
              1S
                                           203614 at
                                                         18
                                                             8.023414e-03
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                                           201155 s at
                                                         1S
                                                             8.031444e-03
204313_s_at
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                  7.779292e-03
                                           212926 at
                                                         1S
                                                             8.035721e-03
221819_at
              1$
                  7.779292e-03
                                           211822 s at
                                                         1S
                                                             8.035721e-03
222244_s_at
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              1S
                                           212249 at
                                                         1S
                                                             8.035721e-03
221581_s_at
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              15
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                                                             8.035721e-03
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              18
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                                                         18
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221875_x_at
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                                           205760 s_at
                                                         1S
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                                                             8.035721e-03
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                                                         1S
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209520 s at
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                                          AFFX-HUMGAPDH/
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                                                         18
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202605 at
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                                                         1S
                                                             8.08449e-03
202193 at
              18
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                                                         1S
                                                             8.131991e-03
202882 x at
                  7.779292e-03
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                                           223044 at
                                                         1S
                                                             8.159907e-03
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203077 s at
              18
                  7.779292e-03
                                           201531 at
                                                         18
                                                             8.220872e-03
203082 at
                  7.779292e-03
              1S
                                           220009 at
                                                         1S
                                                             8.237354e-03
```

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8.237354e-03
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              1S
                                           218084 x at
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                                                              9.193871e-03
204125 at
              1s
                   8.237354e-03
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205832 at
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                   8.237354e-03
                                           203025 at
                                                              9.199232e-03
                                                         15
205950 s at
                   8.237354e-03
                                           202640_s_at
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209392 at
              1.5
                   8.237354e-03
                                           35150 at
                                                         18
                                                              9.214658e-03
201890 at
              15
                   8.237354e-03
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                                                         1S
                                                              9.221007e-03
                   8.243436e-03
212862 at
              1.5
                                           203611 at
                                                         18
                                                              9.271398e-03
202230_s_at
                                           222021_x_at
              1S
                   8.27011e-03
                                                         1S
                                                              9.274144e-03
211716 x at
              1S
                   8.282824e-03
                                           220500 s at
                                                         1S
                                                              9.274825e-03
226696 at
                                           204674_at
              1S
                   8.341704e-03
                                                         1S
                                                              9.283273e-03
211913 s at
              1S
                   8.390929e-03
                                           222127_s_at
                                                         15
                                                              9.288683e-03
202492 at
                                           205312_at
              1S
                   8.395197e-03
                                                         1S
                                                              9.322185e-03
201350 at
                                           204472_at
              1S
                   8.406462e-03
                                                         1S
                                                              9.382258e-03
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              18
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                                                              9.437652e-03
218306_s_at
              1S
                   8.441424e-03
                                           203741_s_at
                                                         1S
                                                              9.437751e-03
221891_x_at
209835_x_at
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                   8.443094e-03
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                                                         1S
                                                              9.450352e-03
              1S
                   8.456636e-03
                                           212658 at
                                                         1S
                                                              9.450352e-03
218870_at
              1S
                   8.458772e-03
                                           221196 x at
                                                         1S
                                                              9.450352e-03
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                  8.53316e-03
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1552889 a at 1S
                  8.548159e-03
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                                                             9.682221e-03
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                                           216902_s_at
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                                                             9.907088e-03
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203537 at
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                                                             9.907088e-03
211714_x_at
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                                           222024 s at
                                                         18
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                  8.896219e-03
                                           202425_x_at
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                                                             9.96962e-03
205849_s_at
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                  8.900462e-03
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211503_s_at
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                  8.996123e-03
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                                                         18
                                                             9.972597e-03
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209112_at
                  8.996988e-03
                                           211069 s at
                                                         1S
                                                             9.981279e-03
218153 at
              1S
                  8.998011e-03
                                           202604 x at
                                                         1S
                                                             0.01
221494 x at
              18
                  9.056083e-03
                                           210574 s at
                                                         1S
                                                             0.01
50965_at
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                  9.067903e-03
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                                                             0.01
                                                         1S
215157 x at
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                  9.074919e-03
                                           202860 at
                                                         1S
                                                             0.01
              1S
35974 at
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                                                             0.01
                                           218700_s_at
63009 at
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                                                             0.01
212360 at
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                  9.156874e-03
                                           217816 s at
                                                             0.01
                                                         18
205645 at
              1S
                  9.167529e-03
                                           206257 at
                                                         1S
                                                             0.01
37986 at
              18
                  9.179259e-03
                                           218631 at
                                                         1S
                                                             0.01
202637 s at
              1S
                  9.179259e-03
                                           37965 at
                                                         15
                                                             0.01
205052 at
              1S
                  9.179259e-03
                                           38241 at
                                                         1S
                                                             0.01
214119 s at
              1S
                  9.180332e-03
                                           220404 at
                                                         15
                                                             0.01
225787 at
              1S
                  9.187707e-03
                                           218880 at
                                                         1S
                                                             0.01
204906_at
              1S
                  9.191709e-03
                                           219960 s at
                                                         18
                                                             0.01
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010575	1.0				
219575_s_at	1S	0.01	201074 at	1S	0.01
219099_at	1S	0.01	208617 s at	1S	0.01
219634 at	15	0.01	200840_at		
219634_at 219065_s_at	10		200040_at	13	0.01
219065_S_at	12	0.01	201476 <u>s</u> at		0.01
212465_at	1S	0.01	211940 x at	1S	0.01
212293 at	1S	0.01	217371_s_at	1s	0.01
		0.01			
214177_s_at	13		218007_s_at	1S	0.01
212/90_x_at	15	0.01	209494_s_at	1S	0.01
212790_x_at 217989_at	1S	0.01	209934 s at	1S	0.01
218448 at	15	0.01	201054_at	15	
			201034_at		0.01
216071_x_at		0.01	214334_x_at	1S	0.01
218277_s_at	1S	0.01	217418 x at	1\$	0.01
218095_s_at 203514 at	1.S	0.01	201331 <u>s</u> at		0.01
203514 at	10	0.01			
203514_46	10		206219_s_at	1S	0.01
203585_at		0.01	202167 <u>s</u> at		0.01
204001 at	1S	0.01	211711 s at	1S	0.01
203347 <u>s</u> at	1S	0.01	212501_at		0.01
203584 at	1 9	0.01	204490_s_at	10	
203584_at 203765_at	10		204490_S_at	1S	0.01
203765_at	15	0.01	213496_at 221306_at	1S	0.01
204809 <u>a</u> t	1S	0.01	221306 at	18	0.01
220964 s at	1S	0.01	213079 at	1S	
221776_s_at		0.01			
221770_3_ac	10	0.01	207483_s_at	15	0.01
221985_at			48659_at 212796_s_at	1S	0.01
221588 x at	1S	0.01	212796 s at	1S	0.01
211710 x at	1S	0.01	217984 <u> </u>	1S	0.01
210624_s_at			201057		
210024_S_ac	10	0.01	201857_at 218116_at	1S	0.01
210205_at	18	0.01	218116_at	1S	0.01
202066 at	1S	0.01	218116_at 220038_at 214132_at	1S	0.01
202944 at	1S	0.01	214132 at	15	0.01
202120_x_at		0.01	201671 +	10	0.01
202120_x_at	10		201671_x_at		0.01
202524 <u>s</u> at			208905_at	1S	0.01
205596_s_at	1S	0.01	203064 <u>s</u> at 220853 <u>a</u> t	1S	0.01
207098_s_at	1S	0.01	220853 at	1S	
208756_at		0.01	220691 at		
200730_ac	10				0.01
209375_at 207657_x_at	12	0.01	210579_s_at		0.01
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209115 at	1S	0.01	202195 s at		
208913_at		0.01	208819 at		0.01
200765 7 2+	10	0.01			
208765_s_at 208030_s_at	13		207135_at	1S	0.01
208030_s_at		0.01	213065_at 205147_x_at	1S	0.01
208815 x at	1S	0.01	205147 x at	1S	0.01
209165 <u>at</u>	1S	0.01	204316 at		
200022_at	1\$	0.01			
200022_ac			205197_s_at	1S	0.01
201319_at	1S	0.01	207686 <u>s</u> at	1S	0.01
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201824_at	1S	0.01	32042 at	1S	0.01
200891_s_at	18	0.01	227233 at	18	0.01
201407 s at	1S	0.01			
			218178_s_at	1S	0.01
201566_x_at	18	0.01	222991 <u> </u>	1S	0.01
217754 at	1S	0.01	238439 at	1S	0.01
208637_x_at	1s	0.01	206006_s at	1S	0.01
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209232 s at	15	0.01	201924_at	15	0.01
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32811_at	1S	0.01	210186_s_at	1S	0.01
20081 <del>9</del> s at	1S	0.01	213620_s_at	1S	0.01
219176 at	15	0.01	213020_3_at 212007 at	1S	
					0.01
217846_at	1S	0.01	212076_at	18	0.01
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202391 at	18	0.01	205323_s_at	15	0.01
236283 x at	18	0.01	201742 x at	15	0.01
206662 at					
200002_dl	15	0.01	202545_at	1S	0.01

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30360 at	10	0.01			0.01
10209_at	10		212860_at		
38269_at 44146_at 40189_at	15	0.01	212785_s_at 213080_x_at	IS	0.01
40189_at	18	0.01	213080_x_at	1S	0.01
35626_at 396_f_at 36711_at 40420_at 48117_at	15	0.01	214800_x_at		0.01
396_f_at	1S	0.01	213307_at	1S	0.01
36711_at	1S	0.01	213261 <u></u> at	1S	0.01
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48117 at	1S	0.01	212919_at 213773_x_at	15	0.01
38710 at	1.5	0.01	212391 x at	10	0.01
AFFX-HSAC07/		0.01	212391_x_at 214196_s_at		
	1\$	0.01	214130_5_ac	10	
AFFX-HSAC07/		0.01	213039_at	1S	
		0 01	214688_at 217733_s_at	15	0.01
X00351_5			217733_s_at	15	
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219690_at	1S	0.01	217979 at	1S	0.01
218740_s_at	1S	0.01	218367_x_at	1S	0.01
220199 s at	1S	0.01	217992_s_at		
220046 s at	1S	0.01	217985_s_at		
220046_s_at 218592_s_at	18	0.01	21,503_5_dt	10	0.01
220417 s at		0.01	215884_s_at 217906_at	10	0.01
		0.01	217900_at 218014_at	10	
219303_S_at	10	-0.01	218014_at	1S	
219777_at 220023_at	15	0.01	217945_at 218104_at 217739_s_at	1S	
220023_at 219155_at	IS	0.01	218104_at	1S	
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220439_at			217870_s_at	18	0.01
220408_x_at	1S	0.01	218198_at	1S	0.01
220248_x_at			218079 <u>s</u> at	1S	0.01
219679_s_at	1S	0.01	215783 s at	1S	
218845 at	1S	0.01	217529_at	1S	0.01
219472_at	1S	0.01	216933 x at	1S	0.01
219287 at	1S	0.01	218241_at		0.01
219287_at 218539_at	1S	0.01	215227 x at	1S	0.01
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220319_s_at		0.01	218258 at		0.01
219183 s at	1S	0.01			
220232_at			218236_s_at	10	0.01
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		0.01	218386_X_at	1S	0.01
219515_at 218987 at	1S	0.01	218462_at		0.01
_			218098_at	1S	
218873_at	1S	0.01	217738_at	1S	0.01
218499_at	1S	0.01	217822_at	1S	0.01
218803_at	1S	0.01	217952_x_at	1S	0.01
218963_s_at	1S	0.01	218053_at	1S	0.01
214992_s_at	1S	0.01	218288 <u>_</u> s_at	1S	0.01
213699_s_at	1S	0.01	218421 at	1S	0.01
212675_s_at	1S	0.01	217388 s at	1S	0.01
214544_s_at	1S	0.01	218347 at	1S	0.01
214150 x at	1S	0.01	218203_at	18	0.01
212948 at	1S	0.01	217976 s at	1S	0.01
213875 x at	1S	0.01	217807 s at	15	0.01
214222_at	15	0.01	203621 at	1S	0.01
212636 at	1S	0.01			
212573 at	1S	0.01	204205_at	1S	0.01
212375_at 212495 at			203297_s_at	1S	0.01
	1S	0.01	204243_at	15	0.01
214651_s_at	1S	0.01	203603_s_at	1S	0.01
212331_at	1S	0.01	203378_at	1S	0.01
212473_s_at	1S	0.01	203361 <u>s</u> at	1S	0.01
213047_x_at	1S	0.01	204007_at	1S	0.01
213000_at	1S	0.01	203526 <u></u> s at	15	0.01
214259_s_at	1S	0.01	204354_at	1S	0.01
214143_x_at	1S	0.01	204588 <u>s</u> at	1S	0.01
			— <b>—</b>		

203392_s_at	18	0.01	210125 s at	18	0.01
203300 x at	18	0.01	211919_s_at	15	0.01
203879 at		0.01	203028_s_at	15	0.01
203338_at	15	0.01	203020_5_dc 203147 s at	1S	
204567 s at		0.01	202266 at		0.01
204102_s_at	15	0.01	202011 at		0.01
203545 at		0.01	202511_at 202501_at		0.01
203545_at 203303_at	1S	0.01	202268_s_at	1S	0.01
203949_at	15	0.01	203250 at		0.01
203592 s at	15	0.01	202459_s_at	1S	0.01
204258 at	1.5	0.01	202876_s_at		0.01
203831_at	18		202488_s_at		0.01
203432 at	1S	0.01	202467_s_at	1S	0.01
204053_x_at	15	0.01	202043 s at		0.01
204715 at	1S	0.01	202076 at		0.01
204847_at 203388_at 203276_at	1S	0.01	202510 s at		0.01
203388_at	18	0.01	202688_at		0.01
203276_at	1S	0.01	202439 s at	1\$	0.01
204804_at	1S	0.01	202292_x_at	1S	0.01
203624_at	1S	0.01	202231 at	1S	0.01
204670_x_at 203305_at	1S	0.01	202436_s_at	1S	0.01
	1S	0.01	202910_s_at	1s	0.01
221791_s_at	18	0.01	202761 s at		0.01
222000_at		0.01	202776 at		
222088_s_at		0.01	202594_at	1S	0.01
221500_s_at		0.01	203132 <u>a</u> t	1S	0.01
221502_at		0.01	202599_s_at	1S	
221028_s_at	18	0.01	202383_at	1\$	0.01
220960_x_at		0.01	202983_at		
221483_s_at		0.01	202117 <u></u> at	1S	0.01
221012_s_at		0.01	202736_s_at	18	
222113_s_at	1S	0.01	202673 <u>a</u> t		
222047_s_at	1S	0.01	202388_at	1S	
221475_s_at		0.01	202614_at		0.01
221775_x_at	1S	0.01	202370_s_at		0.01
220742_s_at	1S	0.01	202302_s_at	1S	0.01
221434_s_at 211395 x at	1S 1S	0.01	202748_at	1S	0.01
212181_s_at	1S	0.01 0.01	202084_s_at 202720 at	1S	0.01
209974 s at	1S	0.01	202720_at 202392 s at	1S 1S	0.01
211982 x at	15	0.01	202392_S_at 202644 s at	1S	0.01
211967 at	18	0.01	202044_S_at 205452_at	1S	0.01
211795 s at	15	0.01	206295 at	1S	0.01 0.01
209798 at	1S	0.01	207391 s at	1S	0.01
209732 at	1S	0.01	204912 at	15	0.01
211969_at	18	0.01	205967 at	1\$	0.01
211665 s at	18	0.01	206851 at	18	0.01
210423 s at	1S	0.01	206306 at	1s	0.01
209827 s at	18	0.01	205681 at	18	0.01
211945_s_at	1S	0.01	206025 s at	18	0.01
211368_s_at	18	0.01	205361 <u> </u>	1S	0.01
210024_s_at	1S	0.01	204923 at	1S	0.01
212006_at	18	0.01	207338 s at	1S	0.01
211970_x_at	1S	0.01	204908_s_at	1s	0.01
212087_s_at	15	0.01	207389_at	1S	0.01
212066_s_at	18	0.01	206584 <u>a</u> t	1S	0.01
209786_at	15	0.01	206015 <u>s</u> at	1S	0.01
211337_s_at	18	0.01	205400 <u>a</u> t	1S	0.01
211101_x_at	1S	0.01	205885 <u>_</u> s_at	1S	0.01
209534_x_at	1S	0.01	205408_at	1S	0.01
211561_x_at	1S	0.01	206766 <u>a</u> t	1S	0.01
210772_at	15	0.01	205098 <u>a</u> t	18	0.01
210784_x_at	1S	0.01	205789_at	18	0.01
209608_s_at	1S	0.01	205220_at	18	0.01

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206989 s at	1S	0.01	201542 at	1S	0.01
206011_at		0.01	201071 x at	18	
	1S	0.01			
			201300_s_at		
208843_s_at	1S	0.01	201258_at		
208051_s_at	1S	0.01	201488_x_at	1S	0.01
208945_s_at	1S	0.01	201592 at	1S	0.01
207688 s at	1S	0.01	201152 s at	1S	0.01
208829 at	1S	0.01	200944 s at		
	15	0.01	201069 at		
207305_5_at		0.01	201009_at	10	
209205_s_at	1S		201994_at	1S	0.01
209259_s_at	15	0.01	201847_at 201754_at	1S	
208398 <u>_s_</u> at		0.01	201754_at	1S	0.01
208351_s_at		0.01	201304_at	1S	0.01
208998_at	1S	0.01	201003 x at	1S	0.01
209449 at	1S	0.01	200937 <u>s</u> at		
208841 s at	1S	0.01	201955 at		
209137 s at	1S	0.01	201057 s at	1S	
	1S	0.01	<del>-</del> -		
			201473_at		
	1S	0.01	201254_x_at		
	1S	0.01	201990_s_at		
	1S	0.01	200928_s_at		
	1S	0.01	201922 at	1S	0.01
209329_x_at	1S	0.01	201029 s at	1S	0.01
	1S	0.01	201844 <u>s</u> at	1S	
207936 x at	1S	0.01	201092 at		
209148 at		0.01	201032_dt 201022_s at	1S	
	1S	0.01			
			201288_at	1S	
208986_at	1S	0.01	200959_at	1S	
	1S	0.01	200959_at 201612_at 201094_at	1S	
208918_s_at		0.01	201094_at	1S	0.01
	1S	0.01	201432 at	1S	0.01
208726_s_at	1S	0.01	201348_at	1S	0.01
207551_s_at	1S	0.01	200948 at	18	
208680 at	1S	0.01	200911 <u></u> s_at	15	
208012_x_at	1S	0.01	200977 s at	1S	
	1s	0.01	201087_at	1S	0.01
209370 s at	15	0.01		1S	
209435 s at		0.01	201134_x_at		0.01
			201492_s_at		
207760_s_at	15	0.01	201812_s_at		
208845_at 207721_x_at	15	0.01	201151_s_at		
		0.01	. 201244_s_at		0.01
207945_s_at	1S	0.01	201960_s_at	1S	0.01
209332_s_at	1S	0.01	201268 at	1S	
208804 s at	1S	0.01	200921_s_at	1S	0.01
207691 x at	1\$	0.01	201084 <u> </u>	1S	
200610 s at	1S	0.01	200866 s at	15	
200047 s at	18	0.01	201757 at	15	
200666_s_at	1S	0.01			
			201347_x_at	1S	
200033_at	1S	0.01	201034_at	15	
200645_at	15	0.01	201260 <u>_</u> s_at	15	
200806_s_at	1S	0.01	201033 <u>x</u> at	18	0.01
200014_s_at	1S	0.01	214136_at	18	0.01
200086_s_at	1S	0.01	203856_at	1S	0.01
200797 s at	1S	0.01	203971_at	18	
200774 at	1S	0.01	212835 at	15	
200631 s at	1S	0.01	225799 at	1S	
200031_3_dc 200010_at	15	0.01			
200722 2 2+			91684 <u>g</u> at	1S	
200722_s_at	1S	0.01	207303_at	15	
200940_s_at	1S	0.01	201403_s_at	1S	
201145_at	1S	0.01	49679_s_at	1S	
201550_x_at	18	0.01	205588 <u>s</u> at	1S	0.01
200915_x_at	1S	0.01	207500 at	1S	
201877 s at	18	0.01	21 <b>47</b> 72_at	1S	0.01
201076_at	1S	0.01	203582 s at	1S	0.01
<del>-</del>				-	

203307 at	1S	0.01	$\frac{d^{-1}}{dx}$	212102 s at	1S	0.01
223396_at	1S	0.01	€-			
				202420_s_at	18	0.01
203328_x_at		0.01		202317_s_at	1S	0.01
216305_s_at	1S	0.01		203094 at	1S	0.01
202275 at	1S	0.01		203012_x_at	1S	0.01
202275_at 213036 x at	1.5	0.01		202567 at	1S	0.01
217703	10			_		
217793_at		0.01		202093_s_at	1S	0.01
224641_at	1S	0.01		206042 x at	1S	0.01
225612_s_at	1S	0.01		206513_at	1S	0.01
219484 at	15	0.01		206828 at	1S	0.01
219484_at 35820 at	15	0.01		206828_at 205945_at 209175_at	10	0.01
214583 at				203945_at	1S	
		0.01		2091/5_at		
216977_x_at		0.01		209 <b>451</b> _at	1S	0.01
217751 at	1S	0.01		201533_at	1S	0.01
204216 s at	1S	0.01		201913_s_at	18	0.01
204216_s_at 225302_at	10	0.01		201920 at	1S	0.01
32029 at	10					
		0.01		201049_s_at	18	0.01
206267_s_at	1S	0.01		201575_at	18	0.01
222067_x_at 200676_s_at	1S	0.01		204150_at	1S	0.01
200676 s at	1S	0.01		211355 x at	1S	0.01
201511 at	1.5	0.01		201591 s at		0.01
208089_s_at		0.01		212101 at	15	
200009_S_ac	10			<del></del>		
200802_at	15	0.01		211252_x_at	1S	0.01
211814_s_at	15	0.01		202284_s_at	1S	0.01
202817 s at	18	0.01		205451 at	18	0.01
219644 at		0.01		205245 at	1S	
		0.01		212625_at	1s	
215566_x_at 218122_s_at	15	0.01		200597_at 215706 x_at	1S	0.01
218122_s_at	18	0.01		215706_x_at	1S	
215629_s_at	1S	0.01	•	41329_at	1S	0.01
204772 s at	1S	0.01		21893 <del>6</del> s at	1S	0.01
203985_at	1S	0.01		201885_s_at	1S	0.01
210407 at	1S	0.01		208386 x at	18	0.01
202479_s_at	15	0.01		<del>-</del> -		
			•	220366_at	18	0.01
	1S	0.01		215222_x_at	1S	0.01
205285_s_at	1\$	0.01		206956_at	18	0.01
200707 at		0.01		2055 <b>4</b> 6 s at	1S	0.01
201261 x at	1S	0.01		204156 at	18	0.01
51200 at				218242 s at		0.01
39817_s_at	10	0.01		219232_s_at		0.01
	1S	0.01		220491_at	18	0.01
218782_s_at	1S	0.01		209758_s_at	18	0.01
218531 at	1S	0.01		212230 at	18	0.01
213006_at	1S	0.01		202303 x_at	1S	
212936 at	15	0.01		213632_at	18	
212936_at 214766_s at	10	0.01		203128 at	1S	
214700_3_ac	1S			205126_at		
		0.01		225231_at	1S	0.01
217673_x_at	1S	0.01		200649_at	1S	
218376_s_at	1S	0.01		220446_s_at	18	0.01
218344 s at	1S	0.01		205134 s at	1S	0.01
218185 s at	1\$	0.01		218970 s at	18	
217913 at	15	0.01		202083 s at	15	
218019_s_at	18	0.01		48808_at	18	
218268_at	1S	0.01		203573_s_at	1S	0.01
203773_x_at	1S	0.01		201832_s_at	1S	0.01
203707 at	1S	0.01		222432 s at	1S	0.01
203984 s at	18	0.01		218233 s at	1S	0.01
203447_at	15	0.01		206044 s at	1S	
						0.01
	18	0.01		201800_s_at	15	0.01
220532_s_at	1S	0.01		202448_s_at	18	0.01
221553_at	1S	0.01		219111 s at	1S	0.01
210858 x at	1S	0.01		201255 x at	1\$	0.01
	18	0.01		211135 x at	1S	0.01
211202 s at	15	0.01		221421 s at	15	0.01
~11202_3_aL	10	0.01		221421_S_at	12	0.01

224958_at	1\$	0.01	220999_s_at	1\$	0.01
217994 <u>x</u> at	1.5	0.01	220987_s at		
212544 at	10	0.01			
212544_at 200606_at	13		221558_s_at	1S	0.01
200606_at	18	0.01	222082_at		0.01
214561_at	1S	0.01	210835 s at	18	0.01
49485 <u>a</u> t		0.01	210582 s at		0.01
221017 25	10				
221617_at	15	0.01	210715_s_at		0.01
221817_at 214816_x_at 218827_s_at	18	0.01	202566_s_at	1S	0.01
218827 s at	1S	0.01	202214 s at	1S	0.01
211067 s at	1.5	0.01	202749 at		0.01
201870_at	10	0.01			
201670_ac	13	0.01	202009_at		
201532_at	18	0.01	202739_s_at	18	0.01
201532_at 212118_at 213436_at	1S	0.01	202810_at 202848_s_at	1S	0.01
213436 at	1S	0.01	202848 s at	1.5	0.01
203146 s at	10	0.01	202814_s_at	10	0.01
213508_at	12	0.01	205456_at		
1564974_at	1S	0.01	20722 <b>4</b> s at	1S	0.01
156497 <u>4</u> _at 223103_at	1S	0.01	209146_at 209056_s_at	1S	0.01
220985_s_at	1.5	0.01	209056 s at	18	
202916 s at			209000_5_40	10	
			208783_s_at		
205821_at	18	0.01	2080 <b>92_</b> s_at		0.01
208807_s_at	1S	0.01	209390_at	1S	0.01
220951 s at	1S	0.01	2093 <b>82</b> at	1S	0.01
		0.01	200031 s at	15	0 01
205776_at			201253 s at		
	1S		200953_s_at		0.01
206738 <u>at</u>			2009 <b>97</b> _at	1S	
202203_s_at	1S	0.01	201548_s_at	1S	0.01
212429 s at	1S	0.01	201928 at	1S	0.01
216202 s at					
202750 s.at			201577_at 206900_x_at	10	0.01
205294 at			200300_x_at	10	0.01
			209385_s_at		0.01
210284_s_at	15	0.01	219872_at	1S	0.01
206734_at	1S	0.01	21 <b>2540</b> _at	1S	0.01
206734_at 213243_at 227068_at	1S	0.01	214439 <u>_</u> x_at		0.01
227068 at	1S	0.01	210556 at		
31861 at	19	0.01	202719 s at		0.01
39313_at	15	0.01	206649_s_at		0.01
34206_at 218518_at	18	0.01	201281_at	1S	0.01
218518_at	1S	0.01	2146/2 at	1S	0.01
219933 at	1S	0.01	208074_s_at	1S	0.01
219846 at	1S	0.01	204158 s at		
220132 s at	18	0.01	201408_at		
				1S	0.01
218723_s_at	1S	0.01	200692_s_at	18	0.01
213579_s_at	1\$	0.01	205525_at	1S	0.01
214246_x_at	1S	0.01	205273 s at	1S	0.01
212786 at	1S	0.01	223548 at	18	0.01
212836 at	1S	0.01	210718 s at	1S	0.01
212840 at	15	0.01	207329 at	1S	
_			<del>-</del>		0.01
218177_at	1S	0.01	202772_at	1S	0.01
215977_x_at	18	0.01	225175_s_at	1S	0.01
216565 x at	1S	0.01	217009 at	18	0.01
218004 at	1S	0.01	200684 s at	18	0.01
216091 s at	1S	0.01	201460 at	18	0.01
218066 at					
	1S	0.01	228092_at	18	0.01
215667_x_at	18	0.01	204039_at	18	0.01
217903_at	1S	0.01	39318 at	18	0.01
216282 x at	1S	0.01	$21896\overline{1}$ s at	1S	0.01
204202 at	1S	0.01	212451 at	15	0.01
204820 s at	15	0.01			
			204403_x_at	1S	0.01
204860_s_at	18	0.01	203590_at	1S	0.01
204652_s_at	1S	0.01	220800 <u>_</u> s_at	18	0.01
203932_at	1S	0.01	202971 s at	18	0.01
203668 at	1S	0.01	205178 s at	18	0.01
<del>-</del> '			2002.0_0_40		

208859_s_at	18	0.01	204747_at	1S	0.02
208661_s_at	1S	0.01	221 <b>489</b> s at	1S	0.02
219125_s_at		0.01			
201701+	10	0.01	221464_at 211164_at	10	
201781_s_at			211164_at	18	0.02
221705_s_at	1\$	0.01	203145 at	1S	0.02
200659 s at	1S	0.01	2061 <b>65</b> s at		0.02
	1S	0.01		18	0.02
			206743 s_at		
201680_x_at			205080 <u>a</u> t	18	0.02
33768 at	1S	0.01	205006 s at	1S	0.02
203644  s at	1S	0.01	207659_s_at	1S	0.02
210418 s at			200901 s at		
215045_at	15	0.01	218049_s_at	1S	0.02
215967_s_at	1S	0.01	207490_at	1S	0.02
52159 at	1S	0.01	20135 <b>4</b> s at	1S	0.02
213578  at			218572_at	1S	0.02
<del>-</del>					
203298_s_at		0.01	213720_s_at	1S	
201337_s_at	1\$	0.01	214299_at	1S	0.02
200752 s at	1S	0.01	214299_at 202053_s_at 207596_at	1S	0.02
201768 s at	1.S	0.01	207596 at	1S	
221480 at			218703 at	1\$	
205883_at	IS	0.01	218018_at	15	0.02
210255_at 201454_s_at	1S	0.01	218018_at 203914_x_at 203013_at	1S	0.02
201454 s at	1S	0.02	203013 at	1S	0.02
222881 at		0.02	205396 at	15	0.02
212698_s_at		0.02	207598_x_at	18	
202886_s_at	IS	0.02	201883_s_at	1S	0.02
211801_x_at			47083_at	1S	
203522 at	1S	0.02	21997 <mark>4_</mark> x_at	1S	0.02
204808 s at	1S	0.02	219180_s_at	1S	
221506_s_at					
			219322_s_at	10	
209561_at			219266_at 218698_at	1S	
201248_s_at			218698_at	1S	
218345_at	1S	0.02	213111_at	1S	0.02
212296_at	1S	0.02	213812 <u>_</u> s_at	1S	0.02
221522 at	1S	0.02	213995 at	1S	0.02
221522_at 212871_at	1 9	0.02	213995_at 212438_at	18	0.02
217208 s at	10	0.02	212430_at	10	
			213539_at	1S	
202143_s_at		0.02	218431_at 218187_s_at 218179_s_at	1S	0.02
218082_s_at	1S	0.02	218187_s_at	1S	0.02
223000 s at	1S	0.02	218179 s at	1S	0.02
218850 s at			218308_at	1S	0.02
218492_s_at			217824 at		0.02
212332 at	10	0.02			
	18	0.02	217972_at	18	0.02
216483_s_at	1S	0.02	203723_at	1S	0.02
212016_s_at	1S	0.02	203261_at	18	0.02
207568 at	1S	0.02	. 22 <b>0597</b> s at	1S	0.02
203559 s at	1s	0.02	220757_s_at	1S	0.02
212898 at	18	0.02	221864 at	15	0.02
219200 at					
	18	0.02	221647_s_at	1S	0.02
210102_at	1S	0.02	210076_x_at	1S	0.02
203060_s_at	1S	0.02	211727 s at	1S	0.02
209533_s_at	1S	0.02	210422_x_at	1S	0.02
222204 s at	1S	0.02	210187 at	18	0.02
207554 x at	15	0.02	211927 x at		
				1S	0.02
202184_s_at	18	0.02	209497_s_at	15	0.02
221486_at	18	0.02	203074_at	1S	0.02
203144_s_at	1S	0.02	202336_s_at	1S	0.02
219396 s at	18	0.02	202556 s at	18	0.02
218964 at	18	0.02	202730 s at	15	0.02
220096 at					
	1S	0.02	202623_at		
214558_at	18	0.02	205281_s_at	18	0.02
215599_at	1S	0.02	205711_x_at	1S	0.02
216389_s_at	18	0.02	207996 s at	1S	0.02
217566 s at	18	0.02	207628 s at	18	0.02
			20.020_3_ac		

208611 s at	18	0.02	204127 at	18	0.02
	1S	0.02	218969 at	1S	
208648 at	1S	0.02	204127_at 218969_at 209993_at	1S	
209287_s_at	1S	0.02	219405 at	18	
209080 <u>x</u> at		0.02	212315 s at		0.02
208933 s at	18	0.02	215983_s_at		0.02
208933_s_at 208729_x_at	1S	0.02	203962 s at		0.02
208800_at	1S	0.02	204525 at		0.02
207943 x at	18	0.02	221658_s_at	18	
207943_x_at 200049_at	18	0.02	202954_at		
200600 at	18	0.02	201765_s_at	1s	0.02
200600_at 200856_x_at	1S	0.02	218013 x at	1S	0.02
200899 <u>s</u> at	1S	0.02.	220607_x_at	18	0.02
201075 s at	1S	0.02	36030_at	18	
201477_s_at 218322_s_at 1553718_at	1S	0.02	226707 at	1S	
218322_s_at	1S	0.02	204267_x_at 206525_at	1S	
1553718_at	1S	0.02	206525 at	1s	
204279 at	1S	0.02	241742 at	18	
206773 <u>a</u> t	1S	0.02	215148_s_at		
202001_s_at 209049_s_at	1S	0.02	208101_s_at	1s	0.02
209049 s at	1S	0.02	217761 at	1s	0.02
40020_at	18	0.02	217761_at 207413_s_at	1S	
206063 x at	1S	0.02	203474 at	1S	
207108_s_at 213153_at	1S	0.02	33494 at	1S	0.02
213153_at	1\$	0.02	21872 <u>2</u> s_at 203334_at	1S	
203262 <u>s</u> at			203334_at	1S	0.02
38447_at		0.02	222029_x_at	1S	0.02
221503_s_at	1S	0.02	209275_s_at	18	0.02
214359_s_at	18		218115_at	1S	0.02
226915_s_at		0.02	31835 at	1S	
	1S	0.02	203350_at		0.02
210057_at	18	0.02	221437_s_at	15	0.02
213831_at 215938_s_at	15	0.02	222592_s_at	15	0.02
		0.02	218493_at 204069_at	18	
217925_s_at			20 <b>4</b> 069_at	1S	
210872_x_at		0.02	225392_at		
	1S	0.02	200874_s_at	15	0.02
202054_s_at			202681_at 226285_at	1S.	0.02
208630_at		0.02	226285_at	18	
218490_s_at			221688_s_at		0.02
218921_at			205600_x_at		0.02
213936_x_at	1S	0.02	221213_s_at	1S	0.02
217854_s_at	1S	0.02	40225_at	1S	0.02
204269_at	1S	0.02	48531_at	1S	0.02
203742_s_at 203045 at	1S 1S	0.02 0.02	57715_at	1S	0.02
205462_s_at	1S	0.02	219458_s_at	1S	0.02
206016 at	15	0.02	219711_at 219297 at	1S	0.02
206036_s_at	15	0.02	<del>-</del>	1S	0.02
208420 x at	15	0.02	218632_at	1S	0.02
207966 s at	1S	0.02	213786_at 212517 at	1S 1S	0.02 0.02
201194 at	1S	0.02	212317_at 212483 at	1S	0.02
219123 at	15	0.02	212403_at 212513 s at	1S	0.02
201646_at	1S	0.02	212313_s_at 218068 s at	1S	
221039 s at	15	0.02	218088_S_at		0.02 0.02
215043 s at	1S	0.02	216543_s_at 216550 x at	1S 1S	0.02
218119 at	15	0.02	215350_x_at 215806 x at	1S	0.02
212188 at	15	0.02	21800_x_at 218017 s at	1S	0.02
222212_s_at	1S	0.02	217774 s at	1S	0.02
209474 s at	1S	0.02	217774_S_at 203615_x_at	1S	0.02
218021 at	1S	0.02	203613_x_at 204194_at	15	0.02
201079 at	1S	0.02	204194_at 204821 at	1S	0.02
205315 s at	15	0.02	204021_at 204252 at	1S	0.02
217828 at	15	0.02	204252_at	1S	0.02
			203439_3_a_ac	13	0.02

203510 0 2+	1S	0.02	200055+	1.0	0 00
203519_s_at			208055_s_at		0.02
220956_s_at 221007 s_at	1S	0.02	225059_at	1S	0.02
221007_s_at	1S	0.02	202683_s_at	1S	0.02
209748_at	1S	0.02	202081 at	1\$	0.02
	1S	0.02	217457 s at	18	0.02
		0.02	<del></del>		
212131_X_dt	1S		209247_s_at	18	0.02
202199_s_at 203155_at	1S	0.02	205664 <u>a</u> t	18	0.02
203155_at	1S	0.02	200837 <u>a</u> t	1S	0.02
202741_at	1S	0.02	206383 s at	1S	0.02
202763 at		0.02	201815 s at		
		0.02			
202778_s_at	10			18	
203143_s_at 203218_at	15	0.02		18	0.02
203218_at	18	0.02	21999 <mark>4</mark> _at	1S	0.02
202236 s at	1S	0.02	218253_s_at	1S	0.02
202445 s at	1S	0.02	207122 x at	1S	0.02
205570_at		0.02	217475 s at	1s	0.02
205698 8 3+	10	0.02	227473_3_ac		
205698_s_at 206222_at	10		223441_at 208266_at 212008_at	18	0.02
206222_at	15	0.02	208266_at	1S	
205988 <u>a</u> t		0.02	212008_at	1S	0.02
208114_s_at	1S	0.02	208486 at	1S	0.02
209274 s at	18	0.02	207919 at		
209274_s_at 208184_s_at	15	0.02	207919_at 218526_s_at	10	0.02
200104_5_ac	1S		210320_S_aC	15	0.02
		0.02	221664_s_at		
208646_at			202771_at	1S	0.02
208929_x_at 200661_at	1S	0.02	209149_s_at	1S	0.02
200661 at	1S	0.02	208130_s_at	1S	0.02
200792 at	1s	0.02	207556 s at	15	
200024 at			201635_s_at		
		0.02			
200706_s_at			1555037_a_at		
200674_s_at		0.02	202633_at	1S	0.02
200715_x_at	1S	0.02	203968 s at	1S	0.02
201833 at	1S	0.02	221732_at	1S	0.02
201737 s at	1S	0.02	220610 s at	1S	
	18		201711 x at	15	0.02
	15	0.02			
			218455_at	1S	0.02
201921_at		0.02	219459_at	1S	0.03
	18	0.02	216105_x_at	1S	0.03
	1S	0.02	221962 s_at	1S	0.03
217799 x at	1\$	0.02	202873 at	1S	0.03
	1S	0.02	201848 s at	19	0.03
203017 s at		0.02	201424 s at		
207447 s at	1S				0.03
		0.02	218968_s_at		
218909_at	1S	0.02	214173_x_at	1S	0.03
212491_s_at	1S	0.02	203642 s at	1S	0.03
203435 s at	1S	0.02	201782 s at	1S	0.03
202955 s at	1S	0.02	206218 at	1S	0.03
208964 s at	1S	0.02	203848 at	1s	0.03
223228 at	15	0.02	233168 s at		
219242 at				1S	0.03
	1S	0.02	203233_at	1S	0.03
227021_at	1S	0.02	200877_at	1S	0.03
219020_at	1S	0.02	206833 s at	1S	0.03
211574 s at	1S	0.02	205267 at	1S	0.03
205010 at	1S	0.02	212748 at	1s	0.03
224991 at	1S	0.02	212746_ac 214746 s at		
				1S	0.03
213314_at	1S	0.02	204725_s_at	18	0.03
206764_x_at	1S	0.02	208750_s_at	1S	0.03
205471_s_at	1S	0.02	207499_x_at	1S	0.03
205428 s at	18	0.02	200626 s at	1S	0.03
200687 s at	18	0.02	206682 at	1S	0.03
208503 s at	15	0.02	200032_ac 203111_s_at		
				1S	0.03
208663_s_at	15	0.02	207498_s_at	1S	0.03
218240_at	18	0.02	213 <b>2</b> 16_at	18	0.03
213073_at	18	0.02	206141_at	1S	0.03
211471_s_at	18	0.02	201556 s at	1S	0.03
			=		

210501_x_at	18	0.03	200050+	10	0 00
			209059_s_at	1S	0.03
	15	0.03	209198_s_at	1S	0.03
	1S	0.03	207 <b>665_a</b> t	1S	0.03
207704_s_at	1S	0.03	200731 s at	1S	0.03
200005_at	1S	0.03	201853 s at	1S	0.03
219454_at		0.03	201257 v at	1S	0.03
1316 at	10		201237_x_at	10	
			201991_s_at	1S	0.03
204881_s_at		0.03	201673_s_at	1S	0.03
216061_x_at		0.03	201818_at	1S	0.03
210759 s_at	1S	0.03	201217 x at	1S	0.03
211990_at	1S	0.03	201480 s at	1S	0.03
208996 s at	15		200871 s at	1S	0.03
212757_s_at		0.03	2107(2+	10	
			212/62_s_at	1S	0.03
209317_at			201235_s_at	1S	0.03
219628_at		0.03	204427_s_at	1S	0.03
210337_s_at	1S	0.03	211160 x at	1S	0.03
225582 at		0.03	206429 at	1S	0.03
210396 s at			202537 s at	1S	0.03
225764_at			210275 24	1S	
27145	10	0.03	218375_at	15	0.03
37145_at	12	0.03	21/8/1_s_at	1S	0.03
60528_at	15	0.03	. 209600_s_at	1S	0.03
218937_at	1S	0.03	218399 s at	1S	0.03
220140 s at	18	0.03	226241 s at	1S	0.03
218946_at			208961 s.at	1s	0.03
219520 s at			211169 c at	1S	0.03
218637 at	10	0.03	211100_5_at	10	
			219128_at	1S	
219799_s_at			219172_at	1S	
212594_at	1S	0.03	214965_at	1S	
212553_at 214791_at	1S	0.03	203810 at	1S	0.03
214791 at	1S	0.03	220477 s at	1S	0.03
213588 x at	18	0.03	208052 x at	1s	0.03
212437_at		0.03	20032_x_at	15	0.03
214606 04	10		200757_5_at	10	
214696_at 212814_at	15	0.03	211/62_s_at	15	0.03
212814_at	$\mathbf{I}\mathbf{S}$	0.03	223303_at	18	0.03
215716_s_at			219336_s_at	1S	0.03
217967_s_at	1\$	0.03	215004 s at	1S	0.03
217838_s_at	1S	0.03	218080 x at	1S	0.03
203776 at	18	0.03	204848 x at	18	0.03
204169 at	18	0.03	209059_s_at 209198_s_at 209198_s_at 207665_at 200731_s_at 201853_s_at 201257_x_at 201991_s_at 201673_s_at 201818_at 201217_x_at 201480_s_at 200871_s_at 201235_s_at 204427_s_at 204427_s_at 201487_s_at 201537_s_at 21160_x_at 20429_at 202537_s_at 2118375_at 217871_s_at 208960_s_at 218375_at 2118399_s_at 226241_s_at 208961_s_at 219128_at 219128_at 219128_at 219128_at 219172_at 214965_at 203810_at 220477_s_at 20477_s_at 20477_s_at 20477_s_at 20477_s_at 21762_s_at 220477_s_at 21762_s_at 220477_s_at 21762_s_at 20477_s_at 2047_s_at	15	0.03
204461 x at		0.03	204141_at	10	
			204287_at	1S	0.03
204593_s_at		0.03	210009_s_at	1S	0.03
204372_s_at	18	0.03	203213_at	1S	0.03
204520_x_at	18	0.03	203223_at	1S	0.03
.203387 s at	1S	0.03	20 <b>694</b> 3 at	1S	0.03
204209_at	1S	0.03	208470 s at	1S	0.03
204647 at	1S	0.03	204423 at	18	0.03
203258 at	18	0.03	204049 s at	1S	0.03
203600_s_at	15	0.03			
			212795_at	1S	0.03
220796_x_at	1S	0.03	204998_s_at	1S	0.03
211941_s_at	1S	0.03	212004_at	1S	0.03
211997_x_at	1S	0.03	208748 s at	1S	0.03
211416 x at	1S	0.03	224658 x at	18	0.03
212239 at	1S	0.03	1554899 s at		0.03
210279 at	18	0.03	202156 s at	15	0.03
212039_x_at	1S	0.03	217928_s_at	1S	0.03
209457_at	15	0.03	57703_at	1S	0.03
202981_x_at	18	0.03	218639_s_at	15	0.03
203024_s_at	1S	0.03	213397 x at	1S	0.03
202912_at	1S	0.03	213009 s at	18	0.03
203195 s at	1S	0.03	204168 at	18	0.03
206003 at	1S	0.03			
_			202416_at	1S	0.03
206544_x_at	15	0.03	208757_at	18	0.03
205568_at	1S	0.03	220018_at	15	0.03
205831_at	1S	0.03	1553793_a_at	1S	0.03

205133 s at	1S	0.03	212153 at	1S	0.03
		0.03	203211 g 2+	15	0.03
215606_s_at	10	0.03	203211_S_at	15	
212720_at	15	0.03	202631_s_at	1S	
36554 <u>a</u> t		0.03	202151_s_at	1S	
218617_at	1S	0.03	223419 at	1S	0.03
203789_s_at	1S	0.03	204531 s at	1S	0.03
204394 at	15	0.03	205702 at	18	0.03
204394_at 205212_s_at	10	0.03	214572 0 2+	1S	0.03
209706 at	10	0.03	214372_5_at	10	
		0.03	223394_at	18	0.03
220375_s_at		0.03	200903_s_at	18	0.03
203219_s_at	1S	0.03	214273_x_at	1S	0.03
209127 s at	1S	0.03	214264 s at	1S	0.03
209127_s_at 205791_x_at	1S	0.03	218491 s at	1S	0.03
208262 x at	15	0.03	220890 s at	1S	
208448_x_at		0.03	20050_5_ac	10	
		0.03	200000_x_at	15	0.03
65521_at	15	0.03	219868_s_at	18	0.03
203941_at	1S	0.03	214455_at	1S	0.03
218812_s_at	1S	0.03	215785_s at	1S	0.03
218158 s at	1S	0.03	208777 s at	1S	0.03
204161_s_at		0.03	213885 at	1S	
203874 s at		0.03	31837 at	1\$	
213191 at	10	0.03	224274	1S	
		0.03	224374_S_at	15	
212819_at		0.03	201685_s_at	18	
218327_s_at	18	0.03	202220_at	1S	
203791_at	1S	0.03	225095 at	1S	0.03
2190/4 at	1S	0.03	225095_at 203259_s_at 221078_s_at	1S	0.03
205012_s_at	1S	0.03	221078 s at	1.5	0.03
202147 s at	15	0.03	201557 at	1S	0.03
1559946 s at		0.03	201557_ac	10	
		0.03	217094_S_at	1S	0.03
200028_s_at	15	0.03	231779_at	1S	0.03
218126 <u>at</u>		0.03	222099_s_at	1S	0.03
210540_s_at		0.03	213049_at	1S	0.04
200704_at	1S	0.03	214081 at	1S	0.04
226711 at	1.5	0.03	204184 s at	18	0.04
	1S	0.03	214290 s at	18	0.04
207969 x at	10	0.03	225614 2+	15	
		0.03	223014_at	10	
210378_s_at		0.03	220251_at	15	0.04
222981_s_at	1S	0.03	212153_at 203211_s_at 203211_s_at 202631_s_at 202151_s_at 223419_at 204531_s_at 205702_at 214572_s_at 223394_at 200903_s_at 214273_x_at 214264_s_at 218491_s_at 220890_s_at 208688_x_at 219868_s_at 219868_s_at 214455_at 215785_s_at 208777_s_at 213885_at 213885_at 215785_s_at 201685_s_at 20220_at 225095_at 203259_s_at 201557_at 217094_s_at 221078_s_at 221078_s_at 2217794_s_at 221794_s_at 231779_at 222099_s_at 213049_at 214081_at 204184_s_at 214290_s_at 225614_at 220251_at 210754_s_at 20754_s_at 20754_s_at 20679_at 208094_s_at 211537_x_at 205116_at 216862_s_at 223240_at	1S	0.04
224892_at	18	0.03	202679_at	1S	0.04
211137_s_at	1S	0.03	208094_s_at	1S	0.04
202622 s at	1S	0.03	211537 x at	1S	0.04
202359_s_at	1S	0.03	205116 at	1S	0.04
206132 at	1S	0.03	216862 s at	1\$	
	1S	0.03	223240 at	15	
	18	0.03	213222 at		
				1S	
	1S	0.03	206133_at	1S	
206567_s_at	18	0.03	211797_s_at	1S	
208932_at	1S	0.03	219402_s_at	1S	
219410_at	1S	0.03	44790_s_at	18	0.04
221750 at	1S	0.03	34858 at	18	
214047 s at	1S	0.03	21867 <del>3</del> _s_at	18	
219582 at	1s	0.03	219001 s at		0.04
<del>-</del>					
202816_s_at		0.03	220127_s_at		0.04
217696_at	1S	0.03	219304_s_at	15	
<b>—</b> —	1S	0.03	218882 <u>s</u> at	1S	
	1S	0.03	220175_s_at	18	0.04
202033_s_at	1S	0.03	2125 <b>4</b> 2 s at	1S	0.04
218320 s at	1S	0.03	214022 s at	18	
212426 s at	18	0.03	212642 s at	15	
218913 s at		0.03	212042_s_at 214470 at	1S	0.04
222980_at	1S	0.03	214224_s_at	1S	0.04
220944_at	1S	0.03	21 <b>2</b> 880_at	1S	0.04
220082_at	1S	0.03	213022 <u>_</u> s_at	18	0.04
220881_at	1S	0.03	215758 x at	18	0.04
_			<del></del>		

217731 s at	18	0.04	212733 at	1S	0.04
217969 at		0.04	213088 s at	15	0.04
217780 at	1\$	0.04	215493 x at	15	0.04
204333 s at	1S	0.04	215440 s at	15	0.04
	18	0.04	217473 x at	1S	0.04
204197 s at	15	0.04	217403 s at	15	0.04
203685 at	15	0.04	217405_3_at 218165 at	15	0.04
_	15	0.04	218428 s at	15	0.04
	15	0.04	218426_S_at 218331 s at		0.04
	15	0.04	215331_S_at 215136 s at		
		0.04			0.04
	1S 1S	0.04	218432_at 217269 s at		0.04
211203_s_at 211073 x at	1S	0.04	<del>_</del>	1S	0.04
		0.04			0.04
	1S		218156_s_at		0.04
209459_s_at	1S	0.04	218346_s_at		0.04
212060_at 211542_x_at	15	0.04	204777_s_at		0.04
211542_x_at	15	0.04	204634_at	1S	0.04
209665_at		0.04	203710_at	1S	0.04
212099_at		0.04	203921_at		0.04
203249_at	IS	0.04	204132_s_at		0.04
202497_x_at	15	0.04	203745_at		0.04
207152_at		0.04	204628_s_at	1S	0.04
205105_at		0.04	203864_s_at		0.04
205790_at	18	0.04	203757_s_at		0.04
205114_s_at		0.04	204781_s_at		0.04
205594_at		0.04	20 <b>4101_a</b> t	18	0.04
206515_at			20 <b>4328</b> _at	18	0.04
208904_s_at	1S	0.04	221332_at		0.04
209310_s_at	1S 1S	0.04	222014_x_at	18	0.04
209344_at	1S	0.04	221025_x_at		0.04
	1S	0.04	2212 <b>16_</b> s_at		0.04
200002_at		0.04	220659_s_at		0.04
200717_x_at	1S	0.04	221579_s_at		0.04
201943_s_at	18	0.04	220702_at 220669_at	1S	0.04
	18	0.04	220669_at	15	0.04
201251_at		0.04	222 <b>046</b> _at		0.04
208718 <u>a</u> t	1S	0.04	220703_at	1S	0.04
	1S	0.04	2 <b>20758_s_at</b>	1S	0.04
209951_s_at	1S	0.04	220570_at	1S	0.04
202522_at		0.04	210992_x_at	15	0.04
204383_at		0.04	210985_s_at	1S	0.04
79005_at	18	0.04	212232_at	1S	0.04
33304_at	1S	0.04	209819_at	1S	0.04
32099_at	18	0.04	211741_x_at	1S	0.04
AFFX-HUMISGF	'3A/		211 <b>954</b> _s_at	1S	0.04
м9793	1S	0.04	211 <b>95</b> 3_s_at	1S	0.04
219598_s_at	1S	0.04	209 <b>4</b> 77_at	1S	0.04
220079 <u>s</u> at	15	0.04	211023_at	1S	0.04
220166_at	1S	0.04	210695_s_at	1S	0.04
219813_at	18	0.04	211014_s_at	18	0.04
218594_at	1S	0.04	209766 at	18	0.04
219680_at	18	0.04	210555 s at	18	0.04
219231_at	1S	0.04	211504 x at	1S	0.04
212633_at	18	0.04	212160 at	1\$	0.04
212772_s_at	18	0.04	211559 s at	1S	0.04
212502 <u>at</u>	1S	0.04	210628 x at	1S	0.04
212665 <u>a</u> t	1S	0.04	212140 at	1S	0.04
212397_at	1S	0.04	202863 at	15	0.04
213224_s_at	1S	0.04	202475 at	18	0.04
213014_at	1S	0.04	202301 s at	18	0.04
214698_at	18	0.04	202114 at	18	0.04
214780 s at	18	0.04	202502 at	15	0.04
214449 s at	18	0.04	202058 s at	18	0.04
213249 at	18	0.04	202335 s at	18	0.04
_					

202542 s at	1S	0.04	200955 at	18	0.04
202486_at	1S	0.04	212588_at	1S	0.04
203225_s_at	1S	0.04	219434_at	1S	0.04
202787 s at	1 0		201458 s at		0.04
202324_s_at	1S	0.04	215930 s at	1S	0.04
203047_at	1S	0.04	209111 at	18	0.04
	1S	0.04	212582_at		0.04
205139 s at	1S	0.04	200 <b>604</b> s at	1S	0.04
205444 at	10	0.04			
			203043_at		0.04
206095 s at	1S	0.04	202698 x at	1S	0.04
207004 at	1.5	0.04	209 <b>599</b> s at		
207001_40	10				
205847 <u>a</u> t	15	0.04	202444_s_at		0.04
206278 at	1S	0.04	20 <b>4672</b> _s_at	1S	0.04
206846_s_at	10	0.04	211540	10	
			211548_s_at		
205207_at		0.04	209694_at	1S	0.04
206055_s_at	1S	0.04	207794 at		0.04
205040-25	10		<b>—</b>		
205949_at	12	0.04	207782_s_at	1S	0.04
205949_at 205934_at	1S	0.04	201770_at 212550_at	1S	0.04
205653 at	1 9	0 04	212550 2+	18	
			212330_at		
209157_at			212508_at		0.04
208727_s_at	1S	0.04	211316_x_at 44563_at	1S	0.04
208598 s at			11563 at	10	0.04
<del></del>			44505_at	13	0.04
208281_x_at	1S	0.04	91682 at	15	0.04
209416 s at	1S	0.04	21839 <mark>8</mark> _at	1S	0.04
207713_s_at		0.04			
20//13_S_ac			210042_s_at		
207972_at 209189_at	1S	0.04	219502_at	1S	0.04
209189 at	1.5	0.04	219409 at	18	
209301 at	10	0.01	213403_40	10	
			203629_s_at		0.04
209143 s at	1\$	0.04	57588 at	1S	0.04
208146_s_at		0.04	21988 <mark>5</mark> _at		0.04
209098_s_at		0.04	219495_s_at	1S	0.04
200826 at	1S	0.04	219 <b>495</b> _s_at 21 <b>4266</b> _s_at	1S	0.04
201715 s at	1S	0.04	203 <b>158</b> s at		0.04
201713_8_4	10				
201344_at	1S		210864_x_at	1S	0.04
201349 at	1S	0.04	220097 s at	1S	0.04
200954_at	1 9	0.04	202958 at		0.04
200551_46	10				
201528_at		0.04	208048_at	1S	0.04
201199_s_at	1S	0.04	211909 x at	18	0.04
201005 at	1S	0.04			0.04
			203908_at	13	
201446_s_at	1S	0.04	221735_at	1S	0.04
218099 at	1S	0.04	202729_s_at	1S	0.04
201048_x_at	1S	0.04	201709 s at		
201040_x_ac					
37950_at	1S	0.04	201382_at	18	0.04
224879 at	1S	0.04	218645 at	15	0.04
219446 at		0.04	208723 at		
				1S	0.04
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62212 at	1S	0.04	221509_at	1S	0.04
<del></del>	1s	0.04	205922 at		0.04
				15	
204542_at	1S	0.04	221536 s at	1S	0.04
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208076 at	1S	0.04	202024 at	18	0.04
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	15	0.04	201156_s_at	1S	0.04
218024_at	1S	0.04	201663 s at	1S	0.04
225592_at	1S	0.04	39248 at	18	0.04
202022_46					
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57739 at	18	0.04	201771 at	1S	0.04
219608 s at		0.04	203509 at	18	0.04
			<del>-</del>		
201252_at	1S	0.04	212288_at	1S	0.04
47105 at	1S	0.04	207847_s_at	18	0.04
220494 s at	18	0.04	218888_s_at	18	
					0.04
		0.04	·203731_s_at	18	0.04
205732 s at	1S	0.04	216693 x at	18	0.04
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222115 x at
              18
                  0.04
                                           204615 x at
                                                         1T
                                                              6.66016e-04
203900 at
              18
                                           203359 s at
                  0.04
                                                         1T
                                                              6.66016e-04
207593 at
                                                              6.66016e-04
              18
                  0.04
                                           204185_x_at
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225065_x_at
              1S
                  0.04
                                           203274 at
                                                              6.66016e-04
                                                         1T
202896_s_at
              1S
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                                           203613 s at
                                                              6.66016e-04
                                                         1T
35776 at
              1.5
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                                           203675 at
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221550 at
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                                           204022 at
                                                         1T
                                                              6.66016e-04
220753 s at
              18
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                                           221036 s at
                                                         1T
                                                              6.66016e-04
210020 x at
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                                           220924_s_at
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228813 at
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                  0.04
                                           221505 at
                                                         1T
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                                           221761 at
210216 x at
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                                                         1T
                                                              6.66016e-04
201536 at
                                           221803 s at
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                  0.04
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205668 at
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                                           212159_x_at
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207780 at
              1S
                  0.04
                                           211961_s_at
                                                         1T
                                                              6.66016e-04
                                           210460_s_at
223168 at
              1$
                  0.04
                                                         1T
                                                              6.66016e-04
231579_s_at
              1S
                  0.04
                                           209852_x at
                                                         1T
                                                              6.66016e-04
32091 at
              1 T
                   6.66016e-04
                                           209771_x_at
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                                                              6.66016e-04
218998_at
              1 T
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                                           211702_s_at
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218728_s_at
                                           210648_x_at
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                   6.66016e-04
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220416_at
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220005_at
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                                                              6.66016e-04
                                           202299_s_at
218983_at
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                                                              6.66016e-04
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219156_at
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                                           202565_s_at
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219283_at
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218549_s_at
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212262 at
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212606_at
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                                           206111 at
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212355_at
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                                           207163 s at
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213545_x_at
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212334_at
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                                           205786_s_at
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                                                              6.66016e-04
213702_x_at
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                                           205191 at
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                                                              6.66016e-04
218423_x_at
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217811 at
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217962 at
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                   6.66016e-04
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217908 s at
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216218 s at
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203502_at
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204714 s at
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203282 at
              1T
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                                                          1T
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                                           200844_s_at
203360_s_at
              1T
                  6.66016e-04
                                                          1T
                                                              6.66016e-04
                                           200782 at
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000677		c cca.c a.			
200677_at	1 T	6.66016e-04	211779_x_at	1T	7.25243e-04
201078_at	1T	6.66016e-04	211075_s_at	1 <b>T</b>	7.25243e-04
201925 s at	1T	6.66016e-04	210907 s at	1 T	7.25243e-04
201546 at	1 T	6.66016e-04	211725_s_at	1 T	7.25243e-04
200886 s at	<b>1T</b>	6.66016e-04	211676 s at	1T	7.25243e-04
201666 at	1T	6.66016e-04	211509 s at	1T	7.25243e-04
201000_at 201716 at	1T	6.66016e-04			
			202539_s_at	1T	7.25243e-04
201180_s_at	1T	6.66016e-04	202651_at	1T	7.25243e-04
201345_s_at	1T	6.66016e-04	202298_at	1T	7.25243e-04
201758_at	1T	6.66016e-04	202503_s_at	<b>1T</b>	7.25243e-04
201917_s_at	1 T	6.66016e-04	202990 at	1 T	7.25243e-04
201760 s at	1 T	6.66016e-04	202 <b>442</b> at	1T	7.25243e-04
201722 s at	1 T	6.66016e-04	202833 s at	1 <b>T</b>	7.25243e-04
201132 at	1 T	6.66016e-04	202536 at	1 <b>T</b>	7.25243e-04
201311 s at	1T	6.66016e-04	202360 at	1T	7.25243e-04
201576 s at	1T	6.66016e-04	202530_at	1T	
200950_at					7.25243e-04
	1T	6.66016e-04	202059_s_at	1T	7.25243e-04
201302_at	1T	6.66016e-04	202386_s_at	1T	7.25243e-04
200942_s_at	1T	6.66016e-04	202621_at	1 <b>T</b>	7.25243e-04
201628_s_at	1T	6.66016e-04	202897_at	1 T	7.25243e-04
201738_at	1T	6.66016e-04	202777 at	1T	7.25243e-04
201669 s at	1 <b>T</b>	6.66016e-04	203041 s at	<b>1T</b>	7.25243e-04
200881 s at	1T	6.66016e-04	203005 at	1T	7.25243e-04
200860 s at	1 <b>T</b>	6.66016e-04	205726 at	1T	7.25243e-04
218981 at	1T	6.73261e-04	205070 at	1T	7.25243e-04
211699 x at	1T	6.73261e-04			
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210004_at	1T	6.73261e-04	209217_s_at	1T	7.25243e-04
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208886_at	1T	6.73261e-04	2086 <b>42</b> _s_at	1 T	7.25243e-04
206676_at	1T	6.9131e-04	207543 s at	1 T	7.25243e-04
206157 at	1T	6.9131e-04	208771 s at	1 T	7.25243e-04
213515 x at	1 <b>T</b>	7.02787e-04	208003 s at	1T	7.25243e-04
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210254 at	1T	7.02787e-04	209102 s at	1T	7.25243e-04
209273 s at	1T	7.02787e-04	208981 at	1T	7.25243e-04
219137 s at	1T	7.25243e-04			
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	1T	7.25243e-04	200602_at	1T	7.25243e-04
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212660_at	1T	7.25243e-04	201455 s at	1 T	7.25243e-04
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218458 at	1T	7.25243e-04	201301 s at	1 T	7.25243e-04
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217873 at	1T	7.25243e-04			
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204513 s at	1 T	7.25243e-04	201363 s at	1 <b>T</b>	7.25243e-04
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203885 at	1T	7.25243e-04 7.25243e-04			
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	1T	7.25243e-04	204554_at	1T	7.41055e-04
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221498_at	1 T	7.25243e-04	204214_s_at	1 T	7.41055e-04
222231_s_at	1 T	7.25243e-04	211297_s_at	1 <b>T</b>	7.41055e-04

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                                                         1T
218992 at
              1T
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202155 s at	1 <b>T</b>	7.63015e-04	201912 s at	1T	7.63015e-04
202670 at	1 <b>T</b>	7.63015e-04	200985 s at	1T	7.63015e-04
202300 at	1T	7.63015e-04	201619 at	1T	7.63015e-04
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205715 at	1 <b>T</b>	7.63015e-04	201222 s at	1T	7.63015e-04
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		7.63015e-04 7.63015e-04			
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205202 at	1T	7.63015e-04	212702 s at	1 T	7.75993e-04
205173 x at	1T	7.63015e-04	218217 at	1 T	7.75993e-04
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209188_x_at	1 T	7.63015e-04	221471_at	1 T	7.75993e-04
208742_s_at	1T	7.63015e-04	220661_s_at	1T	7.75993e-04
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209234 at	1T	7.63015e-04	210532 s at	1T	7.75993e-04
209448 at	1T	7.63015e-04	210406 s at	1T	7.75993e-04
209393 s at	1 T	7.63015e-04	2101 <b>4</b> 9_s_at		7.75993e-04
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200682 s_at	1 T	7.63015e-04	206337 at	1T	7.75993e-04
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200737_ac 200709 at	1T	7.63015e-04		1T	7.75993e-04 7.75993e-04
200709_ac 200743 s at	1T	7.63015e-04 7.63015e-04	209409_at		7.75993e-04 7.75993e-04
			208290_s_at	1T	
200742_s_at	1T	7.63015e-04	207785_s_at	1T	7.75993e-04
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201968 s at	1T	7.75993e-04	201328 at	1T	9.85174e-04
201047 x at	1T	7.75993e-04	201470 at	1T	9.85174e-04
201627_s_at	1T	7.75993e-04	201470_at 201695 s at	1T	
201027_s_ac 201944 at		7.75993e-04			9.85174e-04
	1T		201192_s_at	1T	9.85174e-04
201894_s_at	1T	7.75993e-04	201811_x_at	1T	9.85174e-04
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203598 s at	1 <b>T</b>	7.84603e-04	211657 at	<b>1</b> T	1.008106e-03
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212747 at	1 <b>T</b>	7.99619e-04	217499 x at	1T	1.022085e-03
217144 at	1 <b>T</b>	7.99619e-04	212024 x at	1T	1.022085e-03
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221504 s at	1T	8.11338e-04	207269 at	1T	1.042330e 03
221304_3_at 221490 at	1T	8.11338e-04	36019 at	1T	
201161 s at		8.11338e-04			1.090422e-03
	1T		46270_at	1T	1.090422e-03
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219129_s_at	1T	8.47248e-04	214590_s_at	1 T	1.090422e-03
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219403_s_at	<b>1</b> T	8.83279e-04	214938_x_at	1 T	1.090422e-03
213440_at	1 T	8.93829e-04	217865_at	1T	1.090422e-03
219445_at	1T	9.35164e-04	203508_at	1T	1.090422e-03
213173_at	1 T	9.35164e-04	204362_at	1 T	1.090422e-03
209211_at	<b>1</b> T	9.35164e-04	221479_s_at	1T	1.090422e-03
218582_at	1T	9.85174e-04	202788 at	1 <b>T</b>	1.090422e-03
218616_at	<b>1</b> T	9.85174e-04	203042 at	1 T	1.090422e-03
212449 s at	1 T	9.85174e-04	207266 x at	1 T	1.090422e-03
218171 at	1 <b>T</b>	9.85174e-04	208704 x at	1 T	1.090422e-03
218310 at	1T	9.85174e-04	209141 at	1T	1.090422e-03
218107 at	1T	9.85174e-04	200680 x at	1 T	1.090422e-03
218465 at	1 <b>T</b>	9.85174e-04	201298 s at	1T	1.090422e-03
215933 s at	1T	9.85174e-04	202286 s at	1 <b>T</b>	1.092822e-03
216383 at	1T	9.85174e-04	219384 s at	1T	1.097471e-03
218254 s at	1 <b>T</b>	9.85174e-04	219594 at	1T	1.097471e-03
203286 at	1T	9.85174e-04	218662 s at	1T	1.108314e-03
203748 x at	1T	9.85174e-04	202187 s at	1T	1.108314e-03
220940 at	1T	9.85174e-04	202107_3_at	1T	1.108314e 03
221002 s at	1T	9.85174e-04	200068_s_at	1T	1.100314e 03 1.108314e-03
221002_s_at 221188 s at	1T		200008_s_at 201275 at		1.108314e-03
210142_x_at		9.85174e-04		1T	
	1T	9.85174e-04	204218_at	1T	1.148326e-03
212204_at	1T	9.85174e-04	216988_s_at	1 T	1.167358e-03
202872_at	1T	9.85174e-04	218357_s_at	1 T	1.167358e-03
202499_s_at	1T	9.85174e-04	212240_s_at	1 T	1.167358e-03
203127_s_at	1 T	9.85174e-04	210639_s_at	1T	1.167358e-03
202206_at	1 T	9.85174e-04	210314_x_at	1 <b>T</b>	1.167358e-03
205896_at	1 <b>T</b>	9.85174e-04	202511_s_at	1 T	1.167358e-03
206158 <u>s</u> at	1 <b>T</b>	9.85174e-04	207186_s_at	1 T	1.167358e-03
206522 <u>a</u> t	1T	9.85174e-04	209206_at	1 T	1.167358e-03
208749 <u>x</u> at	1T	9.85174e-04	208898_at	1 T	1.167358e-03
208948_s_at	1 <b>T</b>	9.85174e-04	208785 at	1 T	1.167358e-03
208921_s_at	1T	9.85174e-04	201303 at	1 T	1.167358e-03
209216 at	1T	9.85174e-04	201238_s_at	1 T	1.167358e-03
209249 s at	1T	9.85174e-04	220367 s at	1 T	1.178739e-03
200063 s at	1T	9.85174e-04	218487 at	1 <b>T</b>	1.178739e-03
200734 s at	1 <b>T</b>	9.85174e-04	213229 at	1T	1.178739e-03
			3-3		

214953_s_at	1T	1.178739e-03	207805_s_at	1T	1.213483e-03
212830 at	1 T	1.178739e-03	200861 at	1 T	1.213483e-03
218251 at	1T	1.178739e-03	201336 at	1 T	1.213483e-03
218313 s at	1T	1.178739e-03	218904_s_at	1T	
					1.231177e-03
203690_at	1T	1.178739e-03	202946_s_at	1 T	1.231177e-03
209906 at	1T	1.178739e-03	210088 x at	1T	1.235996e-03
209515 s at	1 <b>T</b>	1.178739e-03	203203 s at	1 T	1.286073e-03
202725 at	1 T	1.178739e-03	213159 at	1T	1.290715e-03
202596_at	1T	1.178739e-03	205557_at	1T	1.316688e-03
208579_x_at	1 <b>T</b>	1.178739e-03	206364_at	$1 \mathrm{T}$	1.316688e-03
207980 s at	1T	1.178739e-03	218806 s at	<b>1</b> T	1.336362e-03
200853 at	1T	1.178739e-03	204157 s at	<b>1</b> T	1.336362e-03
201352 at	1T	1.178739e-03	205034 at	1T	1.35393e-03
201096_s_at	1 <b>T</b>	1.178739e-03	218872_at	1T	1.367102e-03
201375_s_at	1T	1.178739e-03	206116 s at	1T	1.367102e-03
201256 at	<b>1T</b>	1.178739e-03	219 <b>44</b> 9 s at	1 T	1.405883e-03
201573 s at	1T	1.181414e-03	218718 at	1 T	1.405883e-03
218583_s_at	1T	1.209577e-03	219492 at	1T	1.405883e-03
218871_x_at	1T	1.209577e-03	219191_s_at	1T	1.405883e-03
219571_s_at	1T	1.209577e-03	212323_s_at	1T	1.405883e-03
212638 s at	$1\mathrm{T}$	1.209577e-03	213532 at	<b>1</b> T	1.405883e-03
214531 s at	1T	1.209577e-03	214198 s at	1T	1.405883e-03
212602 at	1T	1.209577e-03	212685 s at	1T	1.405883e-03
217986 s at					
	1T	1.209577e-03	218189_s_at	1T	1.405883e-03
215127_s_at	1T	1.209577e-03	218101_s_at	1T	1.405883e-03
215498_s_at	1T	1.209577e-03	217835_x_at	1T	1.405883e-03
217827 s at	1 T	1.209577e-03	217885 at	1 T	1.405883e-03
218163 at	1 T	1.209577e-03	218208 at	1 T	1.405883e-03
217898 at	1 <b>T</b>	1.209577e-03	217728 at	1T	
	1T	1.209577e-03	_		
203457_at			203656_at	1 T	1.405883e-03
204604_at	1T	1.209577e-03	204079_at	1 T	1.405883e-03
204026_s_at	1T	1.209577e-03	204028_s_at	1T	1.405883e-03
203739 at	1T	1.209577e-03	221058 s at	1 T	1.405883e-03
221 <b>4</b> 78 at	1Т	1.209577e-03	209513 s at	1T	1.405883e-03
220603 s at	1T	1.209577e-03	209458 x at	1T	1.405883e-03
209919 x at	1T	1.209577e-03	202939 at	1T	1.405883e-03
209734 at	1T		<del></del>		
		1.209577e-03	202432_at	1 T	1.405883e-03
211383_s_at	1 T	1.209577e-03	202100_at	1T	1.405883e-03
210153_s_at	1T	1.209577e-03	202603_at	1T	1.405883e-03
202878 s at	1T	1.209577e-03	207332 s at	1 T	1.405883e-03
203232 s at	<b>1</b> T	1.209577e-03	205403 at	1T	1.405883e-03
202464_s_at	1T	1.209577e-03	205349_at	1 <b>T</b>	1.405883e-03
202121_s_at	1T	1.209577e-03	208640 at	1T	1.405883e-03
202313_at	1T	1.209577e-03	209251_x_at	1T	1.405883e-03
203021_at	1 <b>T</b>	1.209577e-03	200634_at	1 T	1.405883e-03
208864_s_at	1T	1.209577e-03	200625_s_at	1 T	1.405883e-03
2089 <b>4</b> 9 s at	<b>1T</b>	1.209577e-03	200839 s at	<b>1T</b>	1.405883e-03
207655_s_at	1 T	1.209577e-03	200728 at	1T	1.405883e-03
200746_s_at	1T	1.209577e-03	200614 at	1T	1.405883e-03
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200800_s_at	1T	1.209577e-03	201643_x_at	1T	1.405883e-03
218506_x_at	1T	1.213483e-03	201487_at	1 <b>T</b>	1.405883e-03
218739_at	1T	1.213483e-03	200889_s_at	1 <b>T</b>	1.405883e-03
218482_at	1T	1.213483e-03	201463_s_at	1 T	1.405883e-03
213735 s at	1 <b>T</b>	1.213483e-03	201090 x at	1 T	1.405883e-03
213011 s at	1T	1.213483e-03	204393 s at	1T	1.432303e-03
<del></del>			<b>— —</b>		
218348_s_at	1T	1.213483e-03	202947_s_at	1T	1.433238e-03
218108_at	1T	1.213483e-03	220305_at	1T	1.478979e-03
203266_s_at	1T	1.213483e-03	216379_x_at	1T	1.478979e-03
220615_s_at	1T	1.213483e-03	218209_s_at	1T	1.478979e-03
211015 s at	1 T	1.213483e-03	221452 s at	1T	1.478979e-03
209678_s_at	1T	1.213483e-03	202671 s at	1T	1.478979e-03
202243 s at	1T	1.213483e-03	202427 s at	1T	1.478979e-03
202026_at	1T	1.213483e-03	206177_s_at	1T	1.478979e-03
205550_s_at	1T	1.213483e-03	200980_s_at	1 <b>T</b>	1.478979e-03

219700_at	1T	1.488805e-03	209517_s_at	1T	1.762545e-03
219607_s_at	1T	1.488805e-03	203243_s_at	1T	1.762545e-03
217414_x_at	1T	1.488805e-03	208924_at	1T	1.762545e-03
209116 x at	1T	1.488805e-03	209194 at	1T	1.762545e-03
218833 at	1T	1.52741e-03	201903 at	1T	1.762545e-03
209882 at	1T	1.580104e-03	$201060^{-}$ x at	1T	1.762545e-03
210119 at	1T	1.580104e-03	201200 at	1T	1.762545e-03
209512 at	1T	1.580104e-03	201817 at	1T	1.762545e-03
			<del></del>		1.762545e 03
203090_at	1T	1.580104e-03	201091_s_at	1T	
203044_at	1T	1.580104e-03	212531_at	1T	1.762912e-03
208728_s_at	1T	1.580104e-03	64408_s_at	1T	1.766757e-03
201724_s_at	1T	1.580104e-03	45526 <u>g</u> at	1T	1.812422e-03
201725_at	1 T	1.580104e-03	212807_s_at	1T	1.812422e-03
219649_at	<b>1</b> T	1.640644e-03	217862_at	1 <b>T</b>	1.812422e-03
218252 at	<b>1</b> T	1.640644e-03	216457 s at	1T	1.812422e-03
202105 at	<b>1</b> T	1.640644e-03	217707 x at	1T	1.812422e-03
206245 s at	1 <b>T</b>	1.640644e-03	221620 s at	1T	1.812422e-03
208739 x at	1T	1.640644e-03	220926 s at	1 T	1.812422e-03
201493 s at	1T	1.640644e-03	221613 s at	1T	1.812422e-03
201493_3_dc 201807 at	1T	1.640644e-03	221013_5_dt 220980 s at	1T	1.812422e-03
_		•	220380_s_at 221724 s at		
221425_s_at	1T	1.660402e-03		1T	1.812422e-03
212683_at	1T	1.696131e-03	221011_s_at	1 T	1.812422e-03
209339_at	1T	1.696131e-03	209619_at	1 T	1.812422e-03
218514_at	<b>1</b> T	1.71925e-03	209640_at	1T	1.812422e-03
218949_s_at	1 T	1.71925e-03	203126_at	1T	1.812422e-03
213624 at	1T	1.71925e-03	202297 s at	1T	1.812422e-03
213988 s at	<b>1</b> T	1.71925e-03	202364 at	1T	1.812422e-03
213501 at	1T	1.71925e-03	205740_s_at	1 <b>T</b>	1.812422e-03
212527 at	<b>1T</b>	1.71925e-03	207616 s at	1 T	1.812422e-03
218352 at	<b>1</b> T	1.71925e-03	200072 s at	1 T	1.812422e-03
218271 s at	1T	1.71925e-03	201097 s at	1T	1.812422e-03
203321 s at	1T	1.71925e-03	201007_s_dc 201007_at	1T	1.812422e-03
203321_s_at 204297 at	1T	1.71925e-03	201007_ac 201163 s at	1T	1.812422e 03
_					
203501_at	1T	1.71925e-03	201483_s_at	1T	1.812422e-03
203655_at	1T	1.71925e-03	219359_at	1T	1.834995e-03
202845_s_at	1T	1.71925e-03	212572_at	1T	1.834995e-03
202727_s_at	1T	1.71925e-03	218196_at	1 <b>T</b>	1.834995e-03
203184_at	1 T	1.71925e-03	203583_at	1T	1.834995e-03
207387_s_at	1T	1.71925e~03	221485_at	1T	1.834995e-03
206200_s_at	1T	1.71925e-03	210951_x_at	1 T	1.834995e-03
208248_x_at	1T	1.71925e-03	212242_at	<b>1</b> T	1.834995e-03
208923 at	1T	1.71925e-03	202269 x at	1T	1.834995e-03
200640 at	<b>1</b> T	1.71925e-03	202534 x at	1T	1.834995e-03
200829 x at	1 T	1.71925e-03	203075 at	1T	1.834995e-03
201400 at	<b>1T</b>	1.71925e-03	209027_s_at	1T	1.834995e-03
201186 at	1 <b>T</b>	1.71925e-03	209276 s at	1 <b>T</b>	1.834995e-03
201670 s at	1T	1.71925e-03	208882 s at	1 T	1.834995e-03
201277 s at	1T	1.71925e-03	201593 s at	1T	1.834995e-03
220000_at	1T	1.735165e-03	218668 s at	1T	1.85209e-03
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219938_s_at	1T	1.762545e-03	219816_s_at	1T	1.85209e-03
214352_s_at	1T	1.762545e-03	218660_at	1T	1.85209e-03
212273_x_at	1T	1.762545e-03	212369_at	1 T	1.85209e-03
212610_at	1T	1.762545e-03	212264_s_at	1 T	1.85209e-03
212982_at	1 T	1.762545e-03	217843_s_at	1T	1.85209e-03
212973_at	1 T	1.762545e-03	215832 <u>x</u> at	1 T	1.85209e-03
216274 s at	1T	1.762545e-03	215646_s_at	1 <b>T</b>	1.85209e-03
217927 at	1 <b>T</b>	1.762545e-03	217552_x at	1 T	1.85209e-03
203487 s at	1 <b>T</b>	1.762545e-03	203408 s at	1T	1.85209e-03
204219 s at	1T	1.762545e-03	204342_at	1T	1.85209e-03
203320 at	1T	1.762545e-03	203284 s at	1T	1.85209e-03
203775_at	1T	1.762545e 03	203605 at	1T	1.85209e-03
203775_ac 203544 s at	1T	1.762545e-03	203003_ac 221257 x at		
				1T	1.85209e-03
203279_at	1T	1.762545e-03	210996_s_at	1T	1.85209e-03
211684_s_at	1T	1.762545e-03	210395_x_at	1T	1.85209e-03

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209551 at
              1T
                  1.85209e-03
                                           220138 at
                                                         1T
                                                             2.241295e-03
202824 s at
              1T
                  1.85209e-03
                                           218661 at
                                                             2.290652e-03
                                           214496 x at
202162 s at
                  1.85209e-03
                                                             2.290652e-03
203133 at
                  1.85209e-03
                                           217427 s at
                                                             2.34967e-03
              1T
202010 s at
              1T
                  1.85209e-03
                                           219132 at
                                                         1T
                                                             2.359541e-03
202343 x at
              1T
                  1.85209e-03
                                           214501_s_at
                                                         1T:
                                                             2.359541e-03
209452 s at
              1 T
                  1.85209e-03
                                           203827 at
                                                         ገጥ
                                                             2.359541e-03
                  1.85209e-03
                                           212265 at
208641 s_at
              1 Т
                                                         1 T
                                                             2.446333e-03
201642 at
                                           203291 at
              1T
                  1.85209e-03
                                                             2.446333e-03
                                                         1 T
201359 at
                                           204849 at
              1T
                  1.85209e-03
                                                         1T
                                                             2.446333e-03
221449 s_at
                                           203497 at
              1T
                  1.857667e-03
                                                         1 T
                                                             2.446333e-03
                                           203574 at
203744 at
              1T
                  1.915643e-03
                                                         1T
                                                             2.446333e-03
                                           209476_at
209916 at
              1T
                  1.915643e-03
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                                                             2.446333e-03
201930 at
              1T
                  1.915643e-03
                                           202430_s_at
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                                                             2.446333e-03
214523 at
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                                           209384 at
                                                         1T
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218854_at
              1T
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                                           201174_s_at
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219104 at
              1T
                  1.941725e-03
                                           201975 at
                                                         1T
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213095_x_at
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                                           214733_s_at
                                                             2.518019e-03
215051_x_at
              1T
                  1.941725e-03
                                                         1T
218113 at
              1T
                  1.941725e-03
                                           203507_at
                                                         1T
                                                             2.535593e-03
                                           218472_s_at
204613_at
              1T
                  1.941725e-03
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                                                             2.558858e-03
                                           218047_at
204689_at
              1T
                  1.941725e-03
                                                         1T
                                                             2.558858e-03
204018_x_at
              1T
                  1.941725e-03
                                           203778 at
                                                         1T
                                                             2.558858e-03
                                           210453_x_at
221214_s_at
              1T
                  1.941725e-03
                                                         1T
                                                             2.558858e-03
220865_s_at
              1T
                  1.941725e-03
                                           208746_x_at
                                                         1 T
                                                             2.558858e-03
210793_s_at
              1T
                  1.941725e-03
                                                         1 T
                                                             2.558858e-03
                                           208310_s_at
212063 at
              1T
                  1.941725e-03
                                           201273_s_at
                                                         1T
                                                             2.558858e-03
                                           200999_s_at
211058_x_at
              1T
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211072_x_at
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                                                         1T
                                                             2.558858e-03
              1T
                                           201472_at
                  1.941725e-03
205842_s_at
              1T
                                           201317 s at
                                                         1T
                                                             2.558858e-03
              1T
                  1.941725e-03
205575 at
                                                         1 T
                                                             2.558858e-03
                                           200975 at
206618_at
              1T
                  1.941725e-03
                                                         1 T
                                                             2.594696e-03
                                           210154 at
206150_at
                                           64486_at
              1 T
                  1.941725e-03
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                                                              2.602565e-03
              1T
208091_s_at
                  1.941725e-03
                                           59644_at
                                                         1 T
                                                              2.602565e-03
              1Τ
                  1.941725e-03
                                           213646_x_at
                                                         1T
                                                              2.602565e-03
200791_s_at
                                           217905 at
              1 Т
                  1.941725e-03
                                                         1T
                                                              2.602565e-03
200619_at
201500_s_at
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                                                         1T
                                           217990_at
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              1T
                  1.941725e-03
                                           203512 at
                                                         1T
                                                              2.602565e-03
201684_s_at
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                  1.941725e-03
                                           203471_s_at
                                                         1 T
                                                              2.602565e-03
                                           203529_at
214620 x at
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                  2.003435e-03
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209498 at
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219292 at
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                                                              2.602565e-03
44696 at
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                                                         1T
                                                              2.602565e-03
204160_s_at
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              1T
                                           211745 x at
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221952 x at-
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                  2.109097e-03
                                           202443 x at
                                                         1T
                                                              2.602565e-03
202529 at
              1T
                  2.109097e-03
                                           202393 s at
                                                         1T
                                                              2.602565e-03
202956_at
              1T
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                                           202649_x_at
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202636 at
              1T
                  2.109097e-03
                                           202641 at
                                                         1 T
                                                              2.602565e-03
205513 at
              1T
                  2.109097e-03
                                           206687 s at
                                                         1 T
                                                              2.602565e-03
207168 s at
                  2.109097e-03
                                           207545 s at
                                                         1T
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              1T
200723 s at
              1T
                  2.109097e-03
                                           209089 at
                                                         1T
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                  2.109097e-03
201916 s at
              1T
                                           209034 at
                                                         1T
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201425 at
              1T
                  2.109097e-03
                                           200668_s_at
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201196_s_at
              1T
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                                           200732_s_at
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                  2.214301e-03
                                           200799 at
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                                                              2.602565e-03
212377_s_at
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                                           201651_s_at
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                                           212674_s_at
213918_s_at
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                  2.214301e-03
                                                         1T
                                                              2.620756e-03
212124 at
              1T
                  2.214301e-03
                                           217917 s at
                                                         1T
                                                              2.620756e-03
                                           216054 x at
210878 s at
              1T
                  2.214301e-03
                                                         1T
                                                              2.620756e-03
                                           218414 s at
208540_x_at
              1T
                  2.214301e-03
                                                         1T
                                                              2.620756e-03
208919 s at
                                           209281 s at
              1T
                  2.214301e-03
                                                         1 T
                                                              2.620756e-03
                                           200821_at
201100 s at
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                  2.214301e-03
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                                                              2.620756e-03
201202_at
              1T
                  2.214301e-03
                                           201223 s at
                                                         1T
                                                              2.620756e-03
219326 s at
              1T
                  2.214821e-03
                                           201941 at
                                                         1T
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201940 at	1T	2.620756e-03	212549_at	1T	3.00947e-03
219620 x at	1T	2.692001e-03	213414 s at	1T	3.00947e-03
217949 <u>s</u> at	1 <b>T</b>	2.692001e-03	217939_s_at	1 T	3.00947e-03
215424 s at	1T	2.692001e-03	216841 s at	$1  \mathrm{T}$	3.00947e-03
210296 s at	1 <b>T</b>	2.692001e-03	203897 at	1 <b>T</b>	3.00947e-03
202568 s at		2.692001e-03	211763 s at		
	1T		<del></del>	1T	3.00947e-03
202770 s at	1T	2.692001e-03	202767 at	1 T	3.00947e-03
200096 s at	1T	2.692001e-03	208982 at	$1\mathrm{T}$	3.00947e-03
200733_s_at	1T	2.692001e-03	200765_x_at	1T	3.00947e-03
201453 x at	1T	2.692001e-03	201412 at	1 T	3.00947e-03
201652 at	1T	2.692001e-03	218508 at	1T	3.072906e-03
	1 T		_		
218764_at		2.72422e-03	206937_at	1T	3.072906e-03
212916_at	1T	2.72422e-03	207627_s_at	1T	3.072906e-03
213923 at	1 T	2.72422e-03	205011 at	1 <b>T</b>	3.101901e-03
218023 s at	1 T	2.72422e-03	205856 at		
				1T	3.101901e-03
218280_x_at	1T	2.72422e-03	213851_at	$1\mathtt{T}$	3.11531e-03
203379 at	1T	2.72422e-03	203888 at	1T	3.248421e-03
203620_s_at	1T	2.72422e-03	202995 s at	1 T	3.287957e-03
221820_s_at	1T	2.72422e-03	212590_at	1 T	3.305229e-03
211085 s at	1T	2.72422e-03	215038 s at	1 T	3.305229e-03
209467 s at	1T	2.72422e-03	201773 at	1T	3.305229e-03
211703_s_at	1 T	2.72422e-03	219228_at	1T	3.315174e-03
202304 at	1T	2.72422e-03	219812 at	1T	3.315174e-03
202506 at	1T	2.72422e-03	213666 at	1T	3.315174e-03
207320 x at			_		
	1 <b>T</b>	2.72422e-03	212961_x_at	1 T	3.315174e-03
205607_s_at	1T	2.72422e-03	214055 x at	1 T	3.315174e-03
208120 x at	1T	2.72422e-03	214305_s_at	1T	3.315174e-03
209020 at	1T	2.72422e-03	214366 s at		
<del>-</del>				1T	3.315174e-03
209295_at	1 <b>T</b>	2.72422e-03	215739_s_at	1 T	3.315174e-03
200740 s at	<b>1</b> T	2.72422e-03	204771 s at	1T	3.315174e-03
1729 at	1T	2.72422e-03	203506 s at	<b>1</b> T	3.315174e-03
200971_s_at	1T	2.72422e-03	212229_s_at	1T	3.315174e-03
200929 at	1T	2.72422e-03	211948 x at	1 T	3.315174e-03
218738 s at	1T	2.748613e-03	205936 s at	1 <b>T</b>	3.315174e-03
217736_s_at	1T				
		2.748613e-03	204890_s_at	<b>1T</b>	3.315174e-03
218137_s_at	1 <b>T</b>	2.748613e-03	206335 at	1T	3.315174e-03
218243 at	1 <b>T</b>	2.748613e-03	209088 s at	1T	3.315174e-03
203800 s at	1T	2.748613e-03	201602 s at		3.315174e-03
				1T	
209682_at	1T	2.748613e-03	201234_at	1T	3.315174e-03
210213 s at	<b>1T</b>	2.748613e-03	202367 at	1T	3.329831e-03
202128 at	1T	2.748613e-03	216100 s at	<b>1</b> T	3.365838e-03
202811_at	1 <b>T</b>	2.748613e-03	202480_s_at	1T	3.365838e-03
203206 at	1T	2.748613e-03	201703 s at	1T	3.365838e-03
203138 at	1T	2.748613e-03	46323 at	<b>1</b> T	3.373312e-03
202090 s at	1 <b>T</b>	2.748613e-03	35254 at		
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205027_s_at	1 <b>T</b>	2.748613e-03	213708_s_at	1T	3.373312e-03
208709 s at	1 T	2.748613e-03	204314 s at	1T	3.373312e-03
208284_x_at	1 T	2.748613e-03	203887 s at	1 T	3.373312e-03
208615_s_at	1T	2.748613e-03	221059_s_at	1 T	3.373312e-03
200669 s at	1T	2.748613e-03	211936 at	1T	3.373312e-03
200621 at	1 T	2.748613e-03	210386 s at	1T	3.373312e-03
201136 at	1T		202925 s at		
_		2.748613e-03		1 <b>T</b>	3.373312e-03
201589_at	1 T	2.748613e-03	207347_at	1T	3.373312e-03
200864 s at	1 T	2.748613e-03	205263 at	1T	3.373312e-03
202852 s at	1 T	2.786303e-03	200070 at	1T	3.373312e-03
207121_s_at	1 T	2.786303e-03	201863_at	1 T	3.373312e-03
209610_s_at	1T	2.838844e-03	201173 x at	1 T	3.373312e-03
204859 s at	1T	2.930697e-03	201761 at	1T	3.373312e-03
203362_s_at	1T	2.930697e-03	220088_at	1 T	3.392995e-03
222077_s_at	1 T	2.930697e-03	219157_at	1T	3.392995e-03
206240 s at	1T	2.930697e-03	212261 at	<b>1T</b>	3.392995e-03
208994 s at	1T	2.930697e-03	218404 at		
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32032_at	1 <b>T</b>	3.00947e-03	218383_at	1T	3.392995e-03
$21451\overline{1} \times at$	1 <b>T</b>	3.00947e-03	217232 x at	1T	3.392995e-03

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204683 at
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                                                             3.841973e-03
                                           202543 s at
211742 s at
              1 T
                  3.392995e-03
                                                             3.841973e-03
                                                         1T
202182 at
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206183 s at
              1T
                  3.392995e-03
                                           208066_s_at
                                                         1 T
                                                             3.841973e-03
206592_s_at
                  3.392995e-03
                                           208039 at
                                                             3.841973e-03
                                                         1 T
209418 s_at
                  3.392995e-03
                                           208527_x_at
                                                         1T
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209033 s at
                  3.392995e-03
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                                           200785_s_at
200660 at
              1T
                  3.392995e-03
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200822 x at
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              1T
                                           200739_s_at
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                                                             3.841973e-03
200059_s_at
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201422 at
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209653 at
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                                           219426 at
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206075_s_at
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                                                             3.875206e-03
217839_at
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206829_x_at
                                           218273_s_at
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                                                         1 T
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212899_at
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                                                         1 T
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217907_at
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218071_s_at
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                                           218773 s at
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208660_at
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218846 at
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214430 at
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205504 at
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201237_at
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201343_at
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205996 s at
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205950 s at
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221749 at
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221778 at
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209549 s at
                  3.841973e-03
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                                           219549_s at
                                                         1T
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214919 s at	1 <b>T</b>	3.976464e-03	208767 s at	1 T	4.519381e-03
212752_at	1T	3.976464e-03	200043_at	1T	4.519381e-03
212802 s at	1T	3.976464e-03	200046 at	1 T	4.519381e-03
218223_s_at	1T	3.976464e-03	201823 s at	1T	4.519381e-03
217886 at	1 T	3.976464e-03	202382 s at	1T	4.530407e-03
_					
218262_at	$1\mathrm{T}$	3.976464e-03	209643 s at	1T	4.587769e-03
218093 s at	1 T	3.976464e-03	218 <b>47</b> 1 s at	<b>1</b> T	4.630045e-03
218008 at	1T	3.976464e-03	203945 at	1T	4.648429e-03
217978 s at	1 T	3.976464e-03		7 (17)	
	11	3.9/0404E-03	218129_s_at	1 T	4.683352e-03
217794 at	1T	3.976464e-03	213133 s at	1T	4.763515e-03
221516_s_at	$1\mathrm{T}$	3.976464e-03	219929_s_at	1T	4.799974e-03
221666_s_at	1T	3.976464e-03	208926 at	$1\mathrm{T}$	4.799974e-03
221741_s_at	1T	3.976464e-03	218799 at	1T	4.811314e-03
211783 s at	1T	3.976464e-03	212025 s at	1T	4.814185e-03
202687_s_at	1T	3.976464e-03	202807 s at	1 T	4.814185e-03
203039 s at	1 <b>T</b>	3.976464e-03	202764 at	1T	4.814185e-03
203107 x at	1 <b>T</b>	3.976464e-03	209060 x at	1T	4.814185e-03
202457 s at	1 <b>T</b>	3.976464e-03	207667 s at	1 T	4.814185e-03
2029 <b>41</b> at	1T	3.976464e-03	220292 at	1 T	4.952207e-03
205255 x at	1T	3.976464e-03			
			218597_s_at	1 T	4.984047e-03
208970_s_at	1T	3.976464e-03	210504_at	1 T	4.984047e-03
209187_at	1T	3.976464e-03	218896_s_at	1T	4.98681e-03
209185 s at	1T	3.976464e-03	214629 x at	1T	4.98681e-03
209286_at	1 <b>T</b>	3.976464e-03	215000_s_at	1 T	4.98681e-03
$200630 \times at$	1T	3.976464e-03	212552 at	1 T	4.98681e-03
201662_s_at	1T	3.976464e-03	2177 <b>4</b> 5 s at	1T	4.98681e-03
218332 at	1T	4.035319e-03	203518 at	<b>1</b> T	4.98681e-03
-			_		
215603 x at	1T	4.035319e-03	203880 at	1T	4.98681e-03
204798_at	1 T	4.035319e-03	203630 s at	1T	4.98681e-03
$208490 \times at$	1 T	4.059465e-03	212072_s_at	$1\mathrm{T}$	4.98681e-03
206235 at	1T	4.079996e-03	211043 s at	1T	4.98681e-03
215438 x at	1T	4.145554e-03	202629 at	1T	4.98681e-03
209972 s at	<b>1T</b>	4.191612e-03	202663 at	1 T	
					4.98681e-03
217786 at	1T	4.229531e-03	206571_s_at	$1 \mathrm{T}$	4.98681e-03
208315 x at	1 <b>T</b>	4.230319e-03		1 00	
			208018_s_at	1T	4.98681e-03
202401 s at	$1 \mathrm{T}$	4.248837e-03	208319 s at	1T	4.98681e-03
48612 at	1T	4.310979e-03			i.
			209076_s_at	1 T	4.98681e-03
217977 at	1T	4.310979e-03	209250 at	$1\mathrm{T}$	4.98681e-03
217916 s at	<b>1</b> T	4.310979e-03			
			200753_x_at	1T	4.98681e-03
203 <b>4</b> 33 at	1T	4.310979e-03	201133 s at	1 T	4.98681e-03
210466 s at					
	1T	4.310979e-03	201114_x_at	1T	4.98681e-03
207801_s_at	1T	4.310979e-03	206208 at	1T	5.005768e-03
	1 00				
208895_s_at	1T	4.310979e-03	201936_s_at	1T	5.082755e-03
200055_at	1T	4.310979e-03	219394 at	1 T	5.118591e-03
204366 s at	1T	4.403357e-03			
			212657_s_at	1 T	5.118591e-03
201191 at	1T	4.48328e-03	201456 s at	1 T	5.118591e-03
201897_s_at	1T	4.515314e-03			
			201390_s_at	1T	5.118591e-03
212452 x at	1 T	4.51613e-03	201594 s at	1 T	5.118591e-03
218805 at	1 17	4.519381e-03			
_	1 <b>T</b>		212629_s_at	1 T	5.188923e-03
219947 at	1T	4.519381e-03	208685 x at	1 T	5.188923e-03
212740 2+					
212740_at	1 <b>T</b>	4.519381e-03	2015 <b>4</b> 1_s_at	1 T	5.188923e-03
212663 at	1 <b>T</b>	4.519381e-03	220162_s_at	1T	5.245277e-03
218237_s_at	1 <b>T</b>	4.519381e-03	203566_s_at	1T	5.277924e-03
204249 s at	1T	4.519381e-03	210117 at	1 T	5.277924e-03
221235_s_at	1T	4.519381e-03	202257_s_at	1 T	5.339643e-03
221482_s_at	1T	4.519381e-03	205040 at	1 T	5.339643e-03
209911_x_at	1T	4.519381e-03	58367_s_at	1 T	5.346857e-03
203253 s at	1T	4.519381e-03	218628 at	1T	5.346857e-03
<b>—</b> —					
202478_at	1T	4.519381e-03	220113_x_at	1T	5.346857e-03
202277 at	1T	4.519381e-03	213128 s at	1T	5.346857e-03
203202_at				1T	L 34CDE7 - 41
	1T	4.519381e-03	213292 S at		5.346857e-03
			213292 s at		
202635_s_at	1 <b>T</b>	4.519381e-03	217825 s at	1 <b>T</b>	5.346857e-03
			217825 s at		5.346857e-03
202635_s_at	1 <b>T</b>	4.519381e-03	213292_s_at 217825_s_at 203292_s_at 203665_at	1 <b>T</b>	

204082 at	<b>1T</b>	5.346857e-03	201582 at	1T	5.757883e-03
203561 at	1T	5.346857e-03	219869_s_at	1T	5.810451e-03
203732 at	1T	5.346857e-03	220112 at	1T	5.895649e-03
221218 s at	1T	5.346857e-03	213361 at	1T	5.895649e-03
211696 x at	1T	5.346857e-03	210288 at	1T	5.895649e-03
210926 at	1T	5.346857e-03	209579 s at	1 T	5.895649e-03
202181 at	<b>1T</b>	5.346857e-03	209555_s_at	1T	5.895649e-03
202907 s at	1 T	5.346857e-03	210140 at	1T	5.895649e-03
202089 s at	1 T	5.346857e-03	200794 x at	<b>1</b> T	5.895649e-03
204924 at	1 T	5.346857e-03	219324 at	1T	6.022988e-03
205756 s at	1 T	5.346857e-03	204264 at	1 T	6.030607e-03
207857 at	<b>1</b> T	5.346857e-03	218039 at	1 <b>T</b>	6.043299e-03
208878 s at	1 T	5.346857e-03	203884 s at	1T	6.043299e-03
207922 s at	1 T	5.346857e-03	221014 s at	<b>1</b> T	6.043299e-03
200667 at	1 T	5.346857e-03	210145 at	1T	6.043299e-03
200869 at	1 <b>T</b>	5.346857e-03	202650 s at	1 T	6.043299e-03
201816_s_at	1T	5.346857e-03	209960 at	1T	6.043997e-03
208546 x at	1 T	5.377036e-03	221041 s at	1 <b>T</b>	6.072927e-03
210031 at	1 T	5.385904e-03	209799 at	1T	6.072927e-03
210875 s at	1 T	5.470777e-03	207384 at	<b>1T</b>	6.072927e-03
AFFX-HUMGAPD	H/		203857 s at	1T	6.157477e-03
M33197	1 T	5.573953e-03	219931 s at	1 T	6.162037e-03
219981 x at	1 T	5.573953e-03	219669 at	1 T	6.162037e-03
218522 s at	1 T	5.573953e-03	208353 x at	1 T	6.162037e-03
219356_s_at	1T	5.573953e-03	201482 <u>a</u> t	1T	6.162037e-03
218323_at	1 <b>T</b>	5.573953e-03	202018 s at	1 <b>T</b>	6.177698e-03
220939 s at	1T	5.573953e-03	20 <b>4</b> 767 s at	1T	6.227444e-03
222143 s at	1T	5.573953e-03	219544 at	1T	6.430016e-03
211730 s at	1 <b>T</b>	5.573953e-03	203275 at	1T	6.430016e-03
210340_s_at	1T	5.573953e-03	203761 <sup>—</sup> at	1T	6.430016e-03
211755 s at	1T	5.573953e-03	203 <b>4</b> 16 at	1 T	6.430016e-03
202532 s at	1T	5.573953e-03	210249 s at	1 T	6.430016e-03
202660 at	1 T	5.573953e-03	2027 <b>4</b> 2 s at	1T	6.430016e-03
202334_s_at	1 T	5.573953e-03	209005 at	<b>1</b> T	6.430016e-03
203011_at	1T	5.573953e-03	209218_at	1 T	6.430016e-03
205690 <u>s</u> at	1 <b>T</b>	5.573953e-03	202129_s_at	1T	6.449224e-03
207205_at	1 T	5.573953e-03	20 <b>44</b> 89_s_at	1T	6.482834e-03
209221_s_at	1T	5.573953e-03	203309_s_at	1T	6.482834e-03
208684_at	1T	5.573953e-03	210176_at	1T	6.482834e-03
2089 <b>4</b> 3_s_at	1T	5.573953e-03	207610_s_at	1 T	6.482834e-03
208716_s_at	1T	5.573953e-03	208238_x_at	1T	6.544211e-03
200623_s_at	<b>1</b> T	5.573953e-03	213513_x_at	1T	6.595623e-03
200007_at	1T	5.573953e-03	212737_at	1 <b>T</b>	6.595623e-03
200087_s_at	1T	5.573953e-03	212726_at	1T	6.595623e-03
200620_at	1T	5.573953e-03	218426_s_at	1T	6.595623e-03
201954_at	1 <b>T</b>	5.573953e-03	203445_s_at	1T	6.595623e-03
201705_at	1 <b>T</b>	5.573953e-03	202447_at	1T	6.595623e-03
221932_s_at	1T	5.648897e-03	201089_at	1T	6.595623e-03
218603_at	1T	5.651558e-03	201574_at	1T	6.595623e-03
219485_s_at	1T	5.651558e-03	201176_s_at	1T	6.595623e-03
217800_s_at	1T	5.651558e-03	209831_x_at	1T	6.599339e-03
221829_s_at	1T	5.651558e-03	204599_s_at	1T	6.621811e-03
212184_s_at	1T	5.651558e-03	218588_s_at	1T	6.722336e-03
209860_s_at	1T	5.651558e-03	213061_s_at	1T	6.722336e-03
202540_s_at	1T	5.651558e-03	218394_at	1T	6.722336e-03
202484_s_at	1T	5.651558e-03	218213_s_at	1T	6.722336e-03
202097_at	1T	5.651558e-03	217758_s_at	1T	6.722336e-03
202553_s_at	1T	5.651558e-03	218037_at	1T	6.722336e-03
205370_x_at	1T	5.651558e-03	204246_s_at	1T	6.722336e-03
201606_s_at	1T	5.651558e-03	203992_s_at	1T	6.722336e-03
201535_at	1T	5.651558e-03	211984_at	1T	6.722336e-03
201351_s_at	1T	5.651558e-03	200786_at	1T	6.722336e-03
201181_at	1T	5.651558e-03	200857_s_at 201012 at	1T	6.722336e-03
214606_at	1T	5.702881e-03	201012_at	1T	6.722336e-03

201518 at	1T	6.722336e-03	201865 x at	1T	7.590603e-03
220078 at	1 <b>T</b>	6.755623e-03	219112 at	1T	7.651925e-03
212634 at	1 <b>T</b>	6.755623e-03	213084 x at	1T	7.651925e-03
212034_ac 218006 s at	1T	6.755623e-03			
			212519_at	1T	7.651925e-03
210981_s_at	1T	6.755623e-03	218202_x_at	1T	7.651925e-03
202208_s_at	1T	`6.755623e-03	217845_x_at	1T	7.651925e-03
203247_s_at	1T	6.755623e-03	203814_s_at	1T	7.651925e-03
201959_s_at	1T	6.755623e-03	220761_s_at	1T	7.651925e-03
200789_at	1T	6.801333e-03	202645_s_at	1 <b>T</b>	7.651925e-03
216088_s_at	1 T	6.863627e-03	202025_x_at	1 <b>T</b>	7.651925e-03
202794 at	1T	6.863627e-03	205603_s_at	1T	7.651925e-03
208955 at	1T	6.863627e-03	206061 s at	1T	7.651925e-03
201549 x at	1T	6.863627e-03	206026 s at	1T	7.651925e-03
203746 s at	1T	7.022482e-03	209380 s at	1T	7.651925e-03
207093_s_at	1 T	7.145731e-03	208825 x at	1T	7.651925e-03
210692_s_at	1T	7.147324e-03	208834 x at	1T	7.651925e-03
206816 s at	1T	7.161915e-03	200736 s at	1T	7.651925e-03
218841 at	1T	7.173589e-03	201491 at	1T	7.651925e-03
212864 at	1T	7.173589e-03	201491_at 201009 s at	1T	7.651925e-03
212004_ac 218157 x at	1T	7.173589e-03			
204446 s at	1T	7.173589e-03	200983_x_at 219070 s at	1T	7.651925e-03
201440_s_ac 202207 at	1T	7.173589e-03 7.173589e-03		1T	7.659147e-03
_			204409_s_at	1T	7.659147e-03
202373_s_at	1T	7.173589e-03	219161_s_at	1T	7.693053e-03
203110_at	1T	7.173589e-03	215193_x_at	1T	7.693053e-03
208875_s_at	1T	7.173589e-03	217742_s_at	1T	7.693053e-03
200035_at	1T	7.173589e-03	204204_at	1T	7.693053e-03
201899_s_at	1T	7.173589e-03	208741_at	1T	7.693053e-03
220953_s_at	1T	7.178457e-03	200814_at	1T	7.693053e-03
211609_x_at	1T	7.270963e-03	201384_s_at	1 <b>T</b>	7.693053e-03
209514_s_at	1 T	7.270963e-03	212259_s_at	1 <b>T</b>	7.803049e-03
202569_s_at	1T	7.270963e-03	204275_at	1 T	7.803049e-03
205174_s_at	1T	7.270963e-03	200968_s_at	1T	7.803049e-03
209186 <u>at</u>	1T	7.270963e-03	218350_s_at	1 T	7.803961e-03
201527_at	1T	7.270963e-03	218669_at	1T	7.817634e-03
218942_at	1T	7.35168e-03	220052 <u>s</u> at	1 T	7.817634e-03
212462_at	1T	7.394365e-03	217815_at	1T	7.817634e-03
213958_at	1T	7.394365e-03	204177_s_at	1T	7.817634e-03
220050 <u>a</u> t	1T	7.460907e-03	204206_at	1T	7.817634e-03
209129_at	1 T	7.460907e-03	221046_s_at	1 <b>T</b>	7.817634e-03
209500 <u>x</u> at	1 T	7.502809e-03	209943 at	1 <b>T</b>	7.817634e-03
202241_at	1 T	7.502809e-03	202592 at	1T	7.817634e-03
203185_at	1T	7.502809e-03	205510 s at	1T	7.817634e-03
207275 s at	1T	7.502809e-03	208678 at	<b>1</b> T	7.817634e-03
208200 at	1 T	7.502809e-03	201128 s at	1 <b>T</b>	7.817634e-03
200725 x at	1T	7.502809e-03	218930 s at	1 <b>T</b>	7.838573e-03
44111 at	1 <b>T</b>	7.590603e-03	213571_s_at	1 <b>T</b>	7.838573e-03
37943 at	1T	7.590603e-03	217882 at	1 <b>T</b>	7.838573e-03
52169 at	1 T	7.590603e-03	221234 s at	1 <b>T</b>	7.838573e-03
$21973\overline{4}$ at	1T	7.590603e-03	209574 s at	1T	7.838573e-03
212599 at	1T	7.590603e-03	202462 s at	1T	7.838573e-03
212322_at	1 T	7.590603e-03	205992 s at	1T	7.838573e-03
218142 s at	1 <b>T</b>	7.590603e-03	201088 at	1T	7.838573e-03
218102_at	1 T	7.590603e-03	217016 x at	1T	7.894658e-03
218085 at	1 T	7.590603e-03	209044 x at	1T	7.894658e-03
204244_s_at	1 T	7.590603e-03	201745 at	1T	7.894658e-03
211433_x_at	1T	7.590603e-03	49077 at	1T	7.915783e-03
202163 s at	1T	7.590603e-03	221601 s at	1T	7.9437e-03
202103_s_at 202874 s at	1T	7.590603e-03	201929 s at	11 1T	7.983876e-03
207719 x at	1T	7.590603e-03	201929_s_at 216125 s at		
207719_x_ac 209130 at	1T	7.590603e-03	205640 at	1T 1T	8.1e-03
209130_at 208056 s at	1T	7.590603e-03	201095 at	1T	8.1e-03
200036_s_at 200037 s at	1T				8.1e-03
200037_s_at 200594 x at		7.590603e-03	206920_s_at	1T	8.210972e-03
200594_x_at 201588 at	1T	7.590603e-03	220009_at	1T	8.237354e-03
201300_aL	1 T	7.590603e-03	218996_at	1 <b>T</b>	8.30024e-03

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213127 s at
              1T
                  8.345408e-03
                                           200772 x at
                                                         1 T
                                                             9.485754e-03
203134_at
              1T
                  8.403043e-03
                                           203394 s at
                                                             9.582377e-03
                                                         1T
214866 at
                                           204858 s at
              1T
                  8.469708e-03
                                                         1T
                                                             9.591463e-03
201053 s at
              1T
                  8.469708e-03
                                           220306 at
                                                         1T
                                                             9.596659e-03
                                           210044 s_at
64438 at
              1T
                  8.505735e-03
                                                         1T
                                                             9.596659e-03
217941 s at
              1T
                  8.505735e-03
                                           47069 at
                                                         1T
                                                             9.678318e-03
203693_s_at
              1T
                  8.505735e-03
                                           203936_s_at
                                                             9.678318e-03
                                                         1T
209685_s_at
              1T
                  8.505735e-03
                                           202859_x_at
                                                         1T
                                                             9.678318e-03
207358_x_at
              1T
                  8.505735e-03
                                           202527_s_at
                                                         1T
                                                             9.678318e-03
207986_x_at
              1T
                  8.505735e-03
                                           206050_s_at
                                                         1T
                                                             9.678318e-03
                                           205716_at
200823_x_at
              1T
                  8.505735e-03
                                                             9.678318e-03
                                                         1 T
                                           207700_s_at
201553_s_at
                  8.505735e-03
                                                             9.678318e-03
              1T
                                                         1T
220001_at
                  8.75722e-03
                                           200040_at
              1T
                                                             9.678318e-03
                                                         1 T
212958_x_at
              1 T
                  8.75722e-03
                                           200657 at
                                                         1T
                                                             9.678318e-03
206170_at
              1T
                  8.75722e-03
                                                             9.678318e-03
                                           200085_s_at
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205401_at
              1T
                  8.75722e-03
                                           201713_s_at
                                                         1T
                                                             9.678318e-03
209293_x_at
              1T
                  8.840424e-03
                                           205067 at
                                                         1T
                                                             9.808622e-03
218789_s_at
              1T
                  8.843721e-03
                                           203553 s at
                                                         1T
                                                             9.934773e-03
214663 at
              1T
                  8.873727e-03
                                           215210 s at
                                                         1T
                                                             0.01
218043_s_at
              1T
                  8.873727e-03
                                           214658 at
                                                         1T
                                                             0.01
204496_at
              1T
                  8.873727e-03
                                           218135 at
                                                         1 T
                                                             0.01
204031_s_at
              1T
                  8.873727e-03
                                           217938 s at
                                                         1 T
                                                             0.01
202519_at
              1T
                  8.873727e-03
                                           218334 at
                                                         1 T
                                                             0.01
209296 at
              1T
                  8.873727e-03
                                           204226 at
                                                         1T
                                                             0.01
218111 s at
              1 T
                  8.915046e-03
                                           201296 s at
                                                         1T
                                                             0.01
219190 s at
              1T
                  8.9443e~03
                                           212991 at
                                                         1T
                                                             0.01
204387 x at
              1T
                  8.9443e-03
                                           218057 x at
                                                             0.01
                                                         1T
203645 s at
              1T
                  8.9443e-03
                                           217042 at
                                                             0.01
                                                         1T
204336 s at
              1 T
                  8.9443e-03
                                           216593 s at
                                                         1T
                                                             0.01
                                           200988_s_at
212136 at
              1T
                  8.9443e-03
                                                         1T
                                                             0.01
211666 x at
              1T
                  8.9443e-03
                                           201102 s at
                                                             0.01
                                                         1 ጥ
202437 s at
              1T
                  8.9443e-03
                                           38964 r at
                                                             0.01
                                                         1T
                                           213603 s_at
205300 s at
              1T
                  8.9443e-03
                                                             0.01
                                                         1T
207238 s at
              1T
                  8.9443e-03
                                           217983 s_at
                                                         1T
                                                             0.01
206765 at
              1T
                  8.9443e-03
                                           202193 at
                                                         1T
                                                             0.01
207808 s at
              1T
                  9.08622e-03
                                           205256 at
                                                         1T
                                                             0.01
217970 s at
              1T
                  9.122555e-03
                                           205016 at
                                                         1T
                                                             0.01
                  9.170006e-03
213301 x at
              1T
                                           201963 at
                                                         1T
                                                             0.01
221867 at
                  9.170006e-03
              1T
                                           206059 at
                                                         1T
                                                             0.01
207088_s_at
              1T
                  9.18899e-03
                                           205072 s at
                                                         1T
                                                             0.01
201892 s at
              1T
                  9.18899e-03
                                           220368_s_at
                                                         1T
                                                             0.01
218979 at
              1T
                  9.19691e-03
                                           214512_s_at
                                                         1T
                                                             0.01
41469 at
              1T
                  9.329288e-03
                                           218117 at
                                                         1T
                                                             0.01
20422<del>7</del>_s_at
              1T
                  9.329288e-03
                                           217863 at
                                                         1 T
                                                             0.01
202140 s at
              1T
                  9.329288e-03
                                           204361_s_at
                                                         1T
                                                             0.01
                                           204099_at
202880 s at
              1T
                  9.329288e-03
                                                         1T
                                                             0.01
200936 at
              1T
                  9.329288e-03
                                           209907 s at
                                                         1T
                                                             0.01
220071_x_at
                  9.378446e-03
                                           212202 s at
              1T
                                                         1T
                                                             0.01
212496 s at
                                           208405 s at
              1T
                  9.378446e-03
                                                         1T
                                                             0.01
213902 at
                  9.378446e-03
                                           201179 s at
              1 T
                                                             0.01
                                                         1T
209593 s at
                                           201623 s at
              1 T
                  9.378446e-03
                                                         1T
                                                             0.01
203186_s_at
                                           219015_s_at
              1T
                  9.378446e-03
                                                         1T
                                                             0.01
202429 s at
                                           220202_s_at
              1 T
                  9.378446e-03
                                                         1 T
                                                             0.01
207618_s_at
              1T
                  9.378446e-03
                                           208152 s at
                                                         1T
                                                             0.01
200071_at
              1T
                  9.378446e-03
                                           219259 at
                                                         1T
                                                             0.01
201297_s_at
              1T
                  9.378446e-03
                                           212931 at
                                                         1T
                                                             0.01
206499 s at
                                           212476 at
              1T
                  9.435361e-03
                                                         1T
                                                             0.01
                                           213557_at
51176 at
              1T
                  9.485754e-03
                                                         1T
                                                             0.01
220015_at
              1T
                  9.485754e-03
                                           203721_s_at
                                                         1T
                                                             0.01
212463_at
              1T
                  9.485754e-03
                                           221419_s_at
                                                         1T
                                                             0.01
                                           209604_s_at
202422_s_at
              1T
                  9.485754e-03
                                                         1 T
                                                             0.01
                                           202402_s_at
                                                             0.01
205383_s_at
              1T
                  9.485754e-03
                                                         1Т
                                           202047_s_at
209043_at
              1T
                  9.485754e-03
                                                         1 T
                                                             0.01
207601 at
              1T
                  9.485754e-03
                                                         1T
                                           206934 at
                                                             0.01
```

209367 at	1T	0.01	201895 at	1T	0.01
209367_at 200876_s_at	1 ጥ	0.01	201895_at 218439_s_at	1 m	0.01
200070_3_40	100	0.01	210439_3_ac	1.0	
201475_x_at			206090 <u>_</u> s_at		0.01
208650 <u>s</u> at	1 <b>T</b>	0.01	208370_s_at	1 T	0.01
212861_at	1T	0.01	39817 s at	1 T	0.01
216950 s at	1 ጥ		39817_s_at 205220_at 212699_at	1 ጥ	0.01
216950_s_at 218191_s_at	1 m	0.01	213600 - 6	1 170	0.01
210191_S_at	11	0.01	212099_at	11	
203658_at	1T	0.01	21 <b>9979</b> _s_at		0.01
204116 at	1T	0.01	214853 s_at	1T	0.01
222035 s at	1T	0.01	212492_s_at	1T	0.01
207350 s at	1 ጥ	0 01	210621 s at	1 ጥ	0.01
222035_s_at 207350_s_at 207196_s_at	1 0	0.01	202194_at	100	0.01
207130_S_at	100	0.01	202194_at	11	
207677_s_at	IT	0.01	201805_at	1T	0.01
209063_x_at 209248_at 200780_x_at 201980_s_at	1T	0.01	218625_at		0.01
209248_at	1T	0.01	202032 <u>s_</u> at	1T	0.01
200780 x at	1T	0.01	208296 x at	1 T	0.01
201980 s at	1 T	0.01	208296 <u>x</u> at 204159_at	1 T	0.01
201190 s at	1 ጥ	0.01	213208_at	1 m	0 01
		0.01			
205418_at	11		216308_x_at	11	0.01
215735_s_at 211060_x_at	LT	0.01	203974_at 221637_s_at	$_{ m TT}$	0.01
211060_x_at	1 <b>T</b>	0.01	221637_s_at	1T	0.01
201561_s_at			201011 at	1T	0.01
209054 <u>s</u> at	1T	0.01	213119 at	1T	0.01
201914 s at	1 ጥ	0.01	207323 s at	1 ጥ	0.01
201914_s_at 209595_at	1 Tr	0.01	207325_5_4	1 17	0.01
202607 at	100	0.01	207323_s_at 203764_at 209453_at	1 m	0.01
			209453_at	II	0.01
212744_at	1 T	0.01	215990 <u>_</u> s_at	1T	0.01
201170_s_at	1T	0.01	37232_at	1T	0.01
201170_s_at 203825_at 222133_s_at 1294_at	$1\mathrm{T}$	0.01	217981 s at	1T	0.01
222133 s at	1 T	0.01	202423_at	1Т	0.01
1294 at	 1 ጥ	0 01	209388 at	፲ - 1 ጥ	
206756_at	17	0.01	201435_s_at		
200730_at	11	0.01			
203406_at 208730_x_at	11	0.01	212020_s_at		0.01
208730_x_at	1T	0.01	218077_s_at		0.01
201166_s_at	1T	0.01	207707_s_at	1T	0.01
218095 s at	1 T	0.01	31845_at	1T	0.01
202087_s_at 200958_s_at	1T	0.01	21885 <del>2</del> at	1 T	0.01
200958 s at	1 ጥ	0 01	218852_at 219770_at 215049_x_at	1 Tr	0.01
214992_s_at	1 00	0.01	215040 25	1 00	0.01
214992_S_at	11	0.01	215049_X_dt	11	0.01
214651_s_at	IT		215548_s_at	1.1	
	1 <b>T</b>	0.01	215884_s_at		0.01
203213_at	1T	0.01	204507_s_at	1T	0.01
206851 at	1T	0.01	220987 s at	1 T	0.01
AFFX-			2210 <b>44</b> _s_at	1 T	0.01
hum alu at	1T	0.01	220591 s at	1T	0.01
212277 at	1T	0.01		1 <b>T</b>	
			210944_s_at		0.01
204527_at	1T	0.01	212219_at	1 <b>T</b>	0.01
221896 <u>s</u> at	1T	0.01	209984_at	$1 extbf{T}$	0.01
202521_at	1 <b>T</b>	0.01	203097_s_at	1T	0.01
207573_x_at	1T	0.01	202471_s_at	1 T	0.01
201239 s at	1 <b>T</b>	0.01	206688 s at	1T	0.01
206845 s at	1T	0.01	205632 s at	1T	0.01
204411 at	1T	0.01	208759 at	1T	
			<b>_</b>		0.01
212561_at	1T	0.01	208702_x_at	1T	0.01
203691_at	1T	0.01	209004_s_at	1 T	0.01
203534_at	1T	0.01	208092_s_at	1 T	0.01
220684 at	1T	0.01	200989 at	1T	0.01
211937 at	1T	0.01	201784 s at	1T	0.01
202333 s at	1T	0.01	201846 s at	1T	0.01
202333_s_at 209025 s at	1T	0.01			
			201119_s_at	1T	0.01
200009_at	1T	0.01	201901_s_at	1 <b>T</b>	0.01
210240_s_at	1T	0.01	216993_s_at	1 <b>T</b>	0.01
202102_s_at	1 T	0.01	202750_s at	1 T	0.01
208989 <u>s</u> at	1T	0.01	204137_at	1T	0.01
			<del>-</del>		

017044	1	0 01	202000		0 01
217844_at	1T	0.01	202082_s_at	1T	0.01
204732_s_at	$1  \mathrm{T}$	0.01	206555_s_at	1 T	0.01
202290 at	1 ጥ		205436 s at	1T	0.01
202290_at 201017_at	1 m	0.01			
20101/_at	1T		201070_x_at		0.01
219397 <u>a</u> t		0.01	203141_s_at	1T	0.01
218097_s_at	1 T	0.01	$34031 \overline{i} at$	<b>1</b> T	0.01
217911_s_at	1T	0.01	36129_at		0.01
			30129_at	T.T.	
221249_s_at	1T	0.01	21813 <mark>1</mark> _s_at	1 <b>T</b>	0.01
211729 x at	1 T	0.01	201154_x_at	1T	0.01
	1T	0.01	218371 s at		0.01
	1T	0.01	203143_s_at		0.01
200850_s_at	1 T	0.01	205570_at	$1\mathrm{T}$	0.01
201019 s at	1 T	0.01	203 <b>273</b> _s_at	1T	0.01
200909 s at	1T	0.01	217128_s_at	1 00	0.01
200909_s_ac	11	0.01	21/120_5_at	1T	
208791_at			89476_r_at		0.01
206099_at	1T	0.01	210102_at	1T	0.01
		0.01	219627_at	1T	0.01
213940_s_at 212669 at	100	0.01	219627_at .217967_s_at	1 m	
212009_at	11	0.01	.21/96/_S_at	1 T	0.01
214743 <u>a</u> t	1 T	0.01	204169_at	1 T	0.01
213883 s at	1 T	0.01	205568 at	1T	0.01
	1T				0.01
			205681_at	1.0	
203983_at	1T		222262_s_at	1 T	0.01
209029_at	1T	0.01	222262_s_at 209649_at	1 T	0.01
219238 at	1 T	0.01	214553 s at		0.01
212917_x_at		0.01	217167_x_at		0.01
212317_x_ac	1				
217805_at 203837_at	ΙT	0.01	205041_s_at		0.01
203837 at	1T	0.01	218724 s at	1 T	0.01
203397 s at	1 T	0.01	214615 at	1T	0.01
203781_at			210479 s at		0.01
203701_ac	11	0.01			
204632_at 209711_at	$_{\mathrm{T.L}}$	0.01	210356_x_at	1 T	0.01
209711 at	1 T	0.01	211944 at	1T	0.01
202125 s at	1 T	0.01	210113 s at	1 T	0.01
	1T	0.01	208900 s at		0.01
	1T	0.01	219116_s_at	1 T	0.01
2008 <b>4</b> 5 s at	$1  \mathrm{T}$	0.01	20 <b>687</b> 1 at	1T	0.01
200083 at	1 T	0.01	209 <b>202</b> s at	1T	0.01
200941 at			219 <b>4</b> 57 s at		0.01
217824_at	$_{ m LT}$	0.01	<b>21484</b> 3_s_at	1T	0.01
210187_at 217801_at	<b>1</b> T	0.01	215336_at 204445_s_at	1T	0.01
217801 at	1 T	0.01	204445 s at	1 T	0.01
217936 at	1 17	0.01	213137_s_at	1 m	0.01
204186_s_at	1T		2 <b>22244_</b> s_at	1T	
221473_x_at	1 T	0.01	202135_s_at	<b>1T</b>	0.01
203137 at	1 T	0.01	207072 at	1T	0.01
209022 at	1T	0.01	205467 at	1T	0.01
201973_s_at	1 T	0.01	219625_s_at	1 T	0.01
201699_at	1 T	0.01	203288 at	1T	0.01
	1 T	0.01	210969 at	1T	0.01
221050 s at	1 T	0.01	213115 at	1 <b>T</b>	0.01
203244_at	1 T	0.01	210401_at	1T	0.01
218853_s_at	1T	0.01	207783_x_at	1 T	0.01
218679_s_at	1 T	0.01	201138_s_at	1 T	0.01
219563 at	1 <b>T</b>	0.01	211307 s at	1T	0.01
213309_at	1 T	0.01	212953_x_at	1 T	0.01
209580_s at	1 T	0.01	219221 at	1T	0.01
209761_s_at	1 T	0.01	206848 at	1T	0.01
		0.01			
202513_s_at	1T		211362_s_at	1T	0.01
202397_at	1 T	0.01	38671_at	1 T	0.01
205539 at	1T	0.01	219673 at	1T	0.01
204971 at	1 T	0.01	212779 at	1T	0.01
			<b>—</b>		
208270_s_at	1T	0.01	217855_x_at	1T	0.01
200022_at	1T	0.01	218250_s_at	1T	0.01
200827 at	1T	0.01	217959 s at	1T	0.01
201881 s at	1 T	0.01	212192 at	1T	0.01
		J. J.	212,172_at		5.51

209140 x at	1 T	0.01	212202	1 00	0 01
			212383_at	1T	0.01
201290_at 201183_s_at	1 T	0.01	217980_s_at	1T	0.01
201183 s at	1 T	0.01	203 <b>799</b> at	1T	0.01
206042 x at	1 ጥ	0.01	202738 s at	1T	0.01
	1T	0.01	205078_at	1 T	0.01
217078_s_at	1T	0.01	205 <b>469</b> s at	1T	0.01
207500_at 212780_at	1T	0.01	208887 at	1 T	0.01
212790 25	1 171	0.01	200007_46	1 m	
212780_ac	11	0.01	208887_at 201972_at 214617_at	1T	0.01
215313_x_at			214617_at	$1 \mathrm{T}$	0.01
212175 s at	<b>1</b> T	0.01	204837 at	1 T	0.01
201129_at 204257_at 221732_at	1 ጥ	0.01	202068 s at	1 T	0.01
204257	1 111	0.01	202000_8_40	1 m	
204257_at	11	0.01	200006_at	1T	0.01
221732_at	1T	0.01	202068_s_at 200006_at 201106_at 218341_at	1T	
203342 at	1T	0.01	2183 <b>41</b> at	1T	0.01
209853 s at	1 ጥ	0.01	204174 at	1T	
			204174_at 203310_at 209864_at 202329_at	1.00	
210506_at	11	0.01	203310_at	1T	
220951_s_at	1T		209864_at	1T	
203643 at	1 T	0.01	202329 at	1 <b>T</b>	0.01
221082 s at			202753 at	1T	
207720	1 m	0.01	202735_ac	1	0.01
207728_at	LT	0.01	209438_at	T.T.	0.01
205773_at 212877_at	1T	0.01	209438_at 200781_s_at 213524_s_at	1T	0.01
212877 at	<b>1T</b>	0.01	213524 s at	1 <b>T</b>	0.01
213341 at	1 17	0.01	205306 x at	1T	0.01
210756_s_at		0.01	201915_at		
219357_at 201565_s_at	<b>1</b> T	0.01	202 <b>971_</b> s_at	1T	0.01
201565 s at	1T	0.01	204091 at	1 <b>T</b>	0.01
212388 at	1 ጥ	0.01	204091_at 212971_at	100	
					0.01
210128_s_at			217286_s_at		0.01
214714_at	$1  \mathrm{T}$	0.01	20 <b>2474</b> _s_at	$1\mathrm{T}$	0.01
204616 at	1 T	0.01	200596_s_at		0.01
212193_s_at	1 ጥ	0.01	201426_s_at		
			201420_S_at	T T	
218734_at			21 <b>2484</b> _at		0.01
218450_at	1 T	0.01	20 <b>4682_</b> at	$1\mathrm{T}$	0.01
211928_at 209615_s_at	1 T	0.01	203 <b>484</b> _at	1T	0.01
209615 s at	1 T	0.01	209475 at	1 T	0.01
			212034 s at	11	
210647_x_at					0.01
202731_at	1T	0.01	210629 x at	1T	0.01
209118 s at	1T	0.01	2027 <b>08</b> _s_at	<b>1T</b>	0.01
200712 s at			205 <b>684</b> s at	1 T	0.01
201218 at			203004_5_40	1.00	
			200056_s_at		0.01
201626_at	1T	0.01	200976_s_at	1T	0.01
203904 x at	1 T	0.01	201795 at	1T	0.01
219639 x at	1T	0.01	213357 at	<b>1</b> T	0.01
213969 x at		0.01	213337_ac 212677 s at		
	1T			1 <b>T</b>	0.01
213623_at	1 <b>T</b>	0.01	203478_at	1T	0.01
217502_at	1T	0.01	2117 <b>46</b> x at	1T	0.01
217769 s at	1T	0.01	211040 x at	1T	0.01
204391 x at	1T	0.01	204891 s at		
				1 <b>T</b>	0.01
203140_at	1 T	0.01	204423_at	1T	0.01
205230 at	1T	0.01	209 <b>48</b> 2 at	1T	0.01
204652 s at	1 T	0.01	204125 at	1T	0.01
204923 at	1T	0.01	201423 s at	1T	0.01
205098_at	1 T	0.01	20 <b>6244</b> _at	$1\mathrm{T}$	0.01
207224_s_at	1T	0.01	212584 at	<b>1</b> T	0.01
200997_at	1 T	0.01	211251 x at	1 T	0.01
204630_s_at	1T	0.01			
204030_S_aL			205963_s_at	1T	0.01
204633_s_at	1 T	0.01	209215_at	1 <b>T</b>	0.01
202281_at	1T	0.01	203731 s at	1 T	0.01
202758 s at	1 <b>T</b>	0.01	221670_s at	1T	0.01
220034 at		0.01			
	1T		202700_s_at	1 T	0.01
203672 <u>x</u> at	1 <b>T</b>	0.01	220363_s_at	1T	0.01
211816 x at	1T	0.01	214088 s at	1T	0.01
203585 at	1 T	0.01	203921 at	1 <b>T</b>	0.01
210685_s at					
210003_8_at	1T	0.01	211750_x_at	1T	0.01

	_				
219149_x_at	1T	0.01	203008_x_at	1T	0.02
203204 s at	1T	0.02	206576_s_at		0.02
219371_s_at		0.02	207131_x_at		0.02
212872 s at	1T	0.02	207988 s at	1T	0.02
217880 at	1 100	0.02	200053 at		
					0.02
218138 at	1T	0.02	201214 s at	1 T	0.02
211623_s_at	1 <b>T</b>	0.02	204786 s at		0.02
211023_3_4					
202690_s_at	1T	0.02	219632_s_at	1 <b>T</b>	0.02
200729 s at	1T	0.02	221632 s at	<b>1</b> T	0.02
200931_s_at		0.02	201625 s at		0.02
201065 s at	1T	0.02	212689 s at	1T	0.02
201429_s_at	1T	0.02	212947 at	1 T	0.02
			2123.7_40		
212473_s_at	T.T.	0.02	213360_s_at		0.02
203984_s_at	1T	0.02	221210 s at	1T	0.02
211711 s at	1 <b>T</b>	0.02	221875_x_at		0.02
			2210/3_A_ac		
		0.02	202882_x_at		0.02
203165 s at	1T	0.02	202098_s_at	<b>1T</b>	0.02
202143 s at		0.02	208308 s at		0.02
202143_S_at	11	0.02	200300_S_at	7.1	
206672_at	1T	0.02	215749 s at	1T	0.02
220537_at	1T	0.02	203025 at	1 Т	0.02
			203020_40		
207919_at	ΤT	0.02	203668 <u>a</u> t		0.02
217772_s_at 203272_s_at	1T	0.02	212947_at 213360_s_at 221210_s_at 221875_x_at 221875_x_at 202882_x_at 202098_s_at 208308_s_at 2083025_at 203025_at 203668_at 202688_at 37966_at 211685_s_at 201104_x_at 215938_s_at 217925_s_at 210872_x_at 205841_at 206371_at	1 T	0.02
203272 g at	1 Tr	0.02	37966 at	1 ጥ	0.02
203272_3_40	1		37300_ac	1.	
		0.02	21168 <u>5</u> s_at	1T	0.02
201826 s at	1T	0.02	201104 x at	1T	0.02
206551 <u>x</u> at		0.02	215938 s at		0.02
			213936_S_at		
217739_s_at	1T	0.02	217925_s:at	1 T	0.02
201347 x at	1т.	0.02	210872 x at	<b>1</b> T	0.02
		0.02	205041		
203353_s_at			2058 <b>41</b> _at		
202139_at	$1 \mathrm{T}$	0.02	206 <b>371</b> at	1T	0.02
		0.02	218782_s_at		0.02
219952_s_at 207554_x_at	1	0.02			
20/554_X_at	IΤ	0.02	218344_s_at		0.02
200851 s at	1T	0.02	· 218019 s at	1T	0.02
219963 at		0.02	221553 at	1T	0.02
209772_s_at	1T	0.02	205158_at	1T	0.02
202278 s at	1T	0.02	2033 <b>4</b> 7 s at	1T	0.02
200704 at		0.02	210205 at	1 ጥ	0.02
218997_at		0.02	211332_x_at	1T	0.02
35201 at	1T	0.02	214594_x_at	1T	0.02
214022 8 25	1 00	0.02	213671 s at		
214022_s_at 218729_at	11				
		0.02	222052_at	1T	0.02
220710 at	1T	0.02	220864 s at	1T	0.02
203302 at			<del>_</del> _		0.02
	1 <b>T</b>	0.02	211474_s_at		
215236_s_at		0.02	202638_s_at	1 <b>T</b>	0.02
200752_s_at	1 T	0.02	202544 at	ገጥ	0.02
		0.02	200703_at	100	0.02
211136_s_at	$1  \mathrm{T}$	0.02	205394_at	1T	0.02
213687_s_at	1T	0.02	39402 at	1 <b>T</b>	0.02
218333_at	1T	0.02	212315_s_at		0.02
204313_s_at	1 T	0.02	22 <b>165</b> 8 s at	1T	0.02
221819 at	1 T	0.02	202954 at	1 T	0.02
632_at	1 T	0.02	201765_s_at	1T	0.02
221588 x at	1 T	0.02	204150_at	<b>1T</b>	0.02
209375 at	1 T	0.02	203960 s at		0.02
206063_x_at		0.02	217930_s_at	1 T	0.02
74694 s at	1T	0.02	217888 s at		0.02
218519_at	1T	0.02	221764_at	1T	0.02
214315 x at	1T	0.02	220391 at	1T	0.02
212403 at	<b>1</b> T	0.02	204669 s at		0.02
214783_s_at	1 <b>T</b>	0.02	218676_s_at		0.02
218228_s_at	<b>1</b> T	0.02	218502 s at	1T	0.02
204800_s_at	<b>1</b> T	0.02	218809 at	1T	0.02
20.000_3_ac			210007_at		
203663_s_at		0.02	217900_at	1 <b>T</b>	0.02
204038_s_at	<b>1</b> T	0.02	217836_s_at	<b>1T</b>	0.02
<b>—</b> —					

217730_at	<b>1T</b>	0.02	202749_at 201928_at 201928_at 218132_s_at 200615_s_at 202371_at 211578_s_at 205911_at 91684_g_at 37965_at 219960_s_at 221776_s_at 221776_s_at 221776_s_at 20102_s_at 201093_x_at 201002_s_at 201799_x_at 201002_s_at 217799_x_at 207447_s_at 203686_at 214561_at 219862_s_at 219329_s_at 219329_s_at 219329_s_at 21987_s_at 203743_s_at 204690_at 221430_s_at 204690_at 221430_s_at 202605_at 203077_s_at 207809_s_at	1T	0.02
218034 at	1T		201928 at		
218034_at 203525_s_at	1 <b>T</b>	0.02	201928_at 218132_s_at	1T	0.02
203384 s at		0.02	200615_s_at	1Т	0.02
209481 at		0.02	202371 at		0.02
211671_s_at		0.02	211578_s_at		0.02
202662 s at			205911 at	<b>1</b> T	0.02
202136 at	1 T	0.02	205911_at 91684_g_at	1т	0.02
202606 s at	1 T	0.02	37965_at	1 T	0.02
202798_at			219960 s at		0.02
202244_at	1T	0.02	221776_s_at		0.02
202665 s at	1T	0.02	211733 x at		
208809 s at	1 T	0.02	202066_at	1т	0.02
209207 s at			208756_at	1T	0.02
201631 s at		0.02	203166_at		0.02
			201814 at	<b>1</b> T	
202391_at 207943_x_at	1T	0.02	201814_at 201093_x_at	1 T	0.02
204295 at	1T	0.02	201002_s_at	1T	0.02
219528_s_at			217799 x at		
218520_at	1T	0.02	20 <b>7447</b> _s_at		
212888 at	1T	0.02	203686 at	1T	0.02
212888_at 203385_at	<b>1</b> T	0.02	203686_at 214561_at	1T	0.02
204351 at	<b>1T</b>	0.02	219862_s_at	1T	0.02
209510 at	<b>1</b> T	0.02	219329 s at		0.02
202918_s_at 208873_s_at	1T	0.02	212833 at	<b>1</b> T	0.02
208873 s at	1 T	0.02	212833_at 217887_s_at	1 <b>T</b>	0.02
219004_s_at	1 T	0.02	216899_s_at	1 <b>T</b>	0.02
203094_at	1 T	0.02	203743_s_at	1 T	0.02
206513_at	1T	0.02	204690_at	1 <b>T</b>	0.02
200633_at 208442_s_at	1T	0.02	221430_s_at 202605_at	1T	0.02
			202605_at		0.02
219680_at			203077_s_at		0.02
203757_s_at		0.02			0.02
209098_s_at			209154_at 209003_at	1 T	0.02
213404_s_at			209003_at	1 T	0.02
		0.02	201850_at		0.02
221486_at			219520_s_at		0.02
203144_s_at			213867_x_at	1T	0.02
222029_x_at			211202_s_at		0.02
219667_s_at	1 <b>T</b>		208663_s_at		0.02
219163_at		0.02	220132_s_at		0.02
203669_s_at	1T	0.02	218518_at	1T	0.02
222132_s_at	1T.	0.02	212836_at	1T	0.02
202782_s_at	1T	0.02	213694_at	1T	0.02
201886_at	1T	0.02	216565_x_at	1T	0.02
218345_at	1T	0.02	214773_x_at	1T 1T	0.02
221515_s_at 209894 at	1T 1T	0.02	203958_s_at 211097 s at		0.02
31835 at	1T	0.02	211097_s_at 202968_s_at	1T 1T	0.02
218827 s at	1T	0.02	202966_S_at 208325_s_at	1T	0.02 0.02
216071 x at	1T	0.02	200325_s_at 213351_s_at	1T	0.02
202944 at	1T	0.02	213331_s_at 218159 at	1T	0.02
205269 at	1T	0.02	208911 s at	1T	0.02
207657 x at	1T	0.02		1T	
201407 s at	1 T	0.02	220746_s_at 220941_s_at	1T	0.02 0.02
205205 at	1 T	0.02	220941_s_at 202412_s_at	1T	0.02
37986 at	1T	0.02	55872 at	1T	0.02
205898 at	1T	0.02	218122 s at	1T	0.02
220925 at	1T	0.02	210122_S_at 217749 at	1T	0.02
218539 at	1T	0.02	217749_ac 203985 at	1T	0.02
210333_ac 210499 s at	1T	0.02	202398 at	1T	0.02
210255 at	1T	0.02	217992 s at	1T	0.02
219493 at	1T	0.02	203304 at	1T	0.02
212786 at	1T	0.02	218580 x at	1T	0.02

014574	1		010010		
	1T	0.02	210840_s_at	1T	0.03
209628_at	1T	0.02	209520_s_at	1T	0.03
207198 s at	1 T	0.02	202960 s at		0.03
207198_s_at 201563_at	1 m	0.02			
			205930_at		0.03
201999_s_at		0.02	200716 x at	1T	0.03
217830 s at	1T	0.02	201597_at	1 T	0.03
38241 at	1 ጥ		201346_at		
38241_at 212465 at	1.	0.02			0.03
212465_at	T.T.	0.02	218424_s_at	<b>1</b> T	0.03
212697 at	1T	0.02	218424_s_at 205832_at	1T	0.03
201566 x at	1 T	0.02	49679_s_at	1 ጥ	0.03
		0.02	4002E at	3 00	
212330_ac	1.00	0.02	48825_at		0.03
221196_x_at 204118_at	$_{ m TT}$	0.02	211822_s_at	$_{ m TT}$	0.03
204118 at	1T	0.02	220244 at	1T	0.03
2052 <b>4</b> 5 at	1T	0.02	218652_s_at	1 Т	0.03
205 <b>4</b> 51 at			211581 x at		
220147_s_at	IT	0.02	202000_at	1T	0.03
220 <b>417_s_</b> at	1 <b>T</b>	0.02	216388_s_at 217797 at	1 T	0.03
212936_at	1T	0.02	217797 at	1T	0.03
218168 s at	1 T	0 02	203667 at	1.00	
218032_at	11	0.02	221581_s_at		0.03
221484_at	1T	0.02	210646_x_at	1T	0.03
221484_at 221474_at	1T	0.02	203082 at	1T	0.03
210858 x at	1 ጥ	0.02	202888 s at	1 ጥ	0 03
203102 s at		0.02	202000_S_dt 206792 x at		
208628_s_at	$1\mathrm{T}$	0.02	208658_at		0.03
208967 s at	1T	0.02	200721 s at	<b>1T</b>	0.03
207605 x at	1T	0.02	200 <b>964</b> at		0.03
201730 s at			201140 s at		0.03
		0.02	208106_x_at	ΤT	0.03
		0.02	213436_at 204700_x_at	1T	0.03
215100 at	1T	0.02	204700 x at	1T	0.03
2026 <b>4</b> 0 s at	1 ጥ	0.02	218723_s_at	1T	0.03
		0.03			
			214730_s_at		0.03
	1T		217915_s_at	1T	0.03
202873 at	$1\mathtt{T}$	0.03	203306 s at	1T	0.03
200676 s at	1T	0.03	203707_at	1T	0.03
209605_at		0.03	203447_at	1T	
201000_ac	1 m		203447_ac	1.1	
201171_at 207596_at	7.1	0.03	200943_at 212249_at 208195_at	11	0.03
207596_at	1T	0.03	212249_at	<b>1</b> T	0.03
219012 s at	1T	0.03	208195 at	1T	0.03
202124 s at	1T	0.03	202027 at	1T	0.03
205760 s at	1T	0.03	214177_s_at		0.03
			214177_5_40		
201867_s_at	1T	0.03	213554_s_at	1 <b>T</b>	0.03
220302_at	1T	0.03	218226_s_at	1T	0.03
218018_at	1T	0.03	204220 at	1T	0.03
203376_at	1T	0.03	203765 at	1 <b>T</b>	0.03
219322 s at	1 T	0.03	211710 x at	1T	0.03
219065 s at					
	1T	0.03	200030_s_at	.1T	0.03
217725_x_at	1T	0.03	212926_at	1T	0.03
202233 s at	1T	0.03	203340 s at	1T	0.03
203074 at	1T	0.03	215485 s at	1 T	0.03
202623 at		0.03			
	1T		211286_x_at	1 <b>T</b>	0.03
2086 <b>4</b> 8_at	1T	0.03	214414_x_at	1T	0.03
208800 at	1T	0.03	202445 s at	<b>1</b> T	0.03
208913 at	1T	0.03	201921 at	1 <b>T</b>	0.03
201433 s at	1T	0.03			
			218970_s_at	1T	0.03
201339_s_at	1 <b>T</b>	0.03	219846_at	1T	0.03
203573_s_at	1T	0.03	215977 x at	1T	0.03
40255 at	1T	0.03	216282 x at	1T	0.03
213798_s_at	1T	0.03	221012 s at	1T	0.03
218379_at	1T	0.03	202848_s_at	1T	0.03
203513_at	1T	0.03	203196_at	1T	0.03
221428_s_at	1 T	0.03	202330_s_at	<b>1T</b>	0.03
209964_s_at	1 <b>T</b>	0.03	207303 <u>a</u> t	1T	0.03
			<del></del>		

219409 at	1T	0.03	2088 <b>94</b> at	1 T	0.03
211913_s_at	1 Т	0.03	209259_s_at	1 ጥ	0.03
214905 +	1 m	0.03			
214895_s_at	T.T.	0.03	2183 <b>14</b> _s_at	$_{ m TT}$	0.03
203584 at	1T	0.03	218118 s at	1T	0.03
207098 s at			396_f_at	1 ጥ	0.03
			330_1_ac	T.T.	
206559 <u>x</u> at			220 <del>5</del> 00_s_at	1 T	0.03
208877 at	1T	0.03	220995 at	1 T	0.03
208734_x_at 201794_s_at		0.03	209426_s_at	T T	0.03
201794_s_at	1T	0.03	212036_s_at	1 <b>T</b>	0.03
210556_at	1T	0.03	211999_at	1 T	0.03
206649_s_at			38892 at	110	0.03
200047_S_ac	1-	0.03			
89948_at	1 T	0.03	218134_s_at	1T	0.03
203132_at 201920_at	1T	0.03	210624_s_at 208765_s_at	1T	0.03
201920 at	1 ጥ	0 03	208765 8 3+	1 Tr	0.03
201520_ac	1	0.03	200703_S_ac	11	
201533 <u>a</u> t			160020_at	1T	0.03
215004_s_at	1T	0.03	2181 <b>7</b> 7 at	1 <b>T</b>	0.03
204287 at	1 T	0 03	222082 at	1 ጥ	0.03
204287_at 210009_s_at	1 m	0.03	222082_at 202279_at 201201_at	11	0.03
210009_s_at	LT	0.03	202279_at	ΙT	0.03
203223_at	1T	0.03	201201 at	1T	0.03
203100 s at			201604 s at	1 ጥ	0 03
219497_s_at	TI	0.03	201255_x_at	1T	0.03
205285_s_at	1T	0.03	217817 at	$1\mathrm{T}$	0.03
205285_s_at 200707_at	1 T	0.03	217817_at 221790_s_at	1 ጥ	0.03
206132 at	1 170	0 03	209258_s_at	1 m	0.03
200132_ac	11	0.03			
205525_at 212658_at 221158_at 203147_s_at	1T	0.03	220881_at	1 T	0.03
212658 at	1T	0.03	203361_s_at 221028_s_at 201069_at	1T	0.03
221158 at	1 т	വവദ	221028 8 2+	1 T	0 03
221130_40	1.00	0.03	221020_S_ac	11	0.03
20314/_s_at	$_{ m TT}$	0.03	201069_at	1 T	0.03
208812_x_at	1T	0.03	21 <b>4136</b> _at	1T	0.03
201833_at 202637_s_at	1 T	0.03	203971 at	1 ጥ	0.03
202637 0 2+	1177	0 03	203971_46	1 m	0.03
202037_S_ac	11	0.03	203036_at	T I	0.03
202600_s_at			203971_at 203856_at 218955_at	1T	0.03
220800 s at	1T	0.03	218559 s at	1T	0.03
211921 x at	1 ጥ	0.03	217738_at		0.03
210506 2+	1 00	0.00	200540	1 m	
218586_at 218301_at	11	0.03	208549_x_at 218277 s_at	1T	0.03
218301_at	1T	0.03	218277_s_at	1T	0.03
208815 x at	1T	0.03	218139 <u>_</u> s_at	1T	0.03
209112_at			204809_at		0.03
211252	1.00	0.03	204009_ac		
211252_x_at 214878 at	IΤ	0.03	203514_at 205596_s_at	$_{\mathrm{TT}}$	0.03
214878 at	1T	0.03	2055 <b>9</b> 6 s at	1T	0.03
212570 at	1T	0.03	208030_s_at	1T	0.03
204687_at			201824 at		
204007_ac	1				
209791_at	1T		2008 <b>91</b> _s_at	1T	0.03
205052 at	1T	0.03	219657 s at	1T	0.03
52159 at	1T	0.03	218185 s at	1T	0.03
213578 at		0.03			
			212102_s_at	1 T	0.03
	1T	0.03	205702_at	1T	0.03
204001 at	1T	0.03	200 <b>991</b> s at	1 <b>T</b>	0.03
202642 s at	1T	0.03	212757 s at	1 <b>T</b>	0.03
203064_s_at	1T	0.03	20 <b>3522</b> _at	1 <b>T</b>	0.03
218376 s at	1T	0.03	205 <b>64</b> 5 at	1 <b>T</b>	0.03
217673 x at	1T	0.03	39313 at	1 T	0.03
			<del></del>		
204093_at	1T	0.03	36564_at	1 <b>T</b>	0.03
212066_s_at	1T	0.03	214246_x_at	1 T	0.03
202567 at	1 T	0.03	203383 s at	1 T	0.03
208880_s_at	1T	0.03	204269 at	1T	0.03
200000_5_aL					
211067_s_at	1T	0.03	202435_s_at	1 T	0.03
201248 s at	1T	0.03	205462 s at	1 T	0.03
216902 s at	1T	0.03	208420 x at	1 <b>T</b>	0.03
47083 at	1T	0.03	<b>–</b> –		
			201194_at	1T	0.03
209896_s_at	1T	0.03	219860_at	1 T	0.03
202720 at	1T	0.03	220404 at	1 T	0.03
205270 s at	1T	0.03	213239 at	1 <b>T</b>	0.03
206584_at	1T	0.03	216295_s_at	1T	0.03

221985 at	1T	0.03	201890 at	1T	0.04
209115_at		0 03	204772 <sup>-</sup> s at	1 ጥ	0.04
203113_40	1.00	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	201772_5_40		
207508_at 201319_at 211794_at	IΤ	0.03	219933_at	$_{ m TT}$	0.04
201319 at	1T	0.03	209056 s at	1T	0.04
211794 2+	1 ጥ	0.03	209390 <u>a</u> t		0.04
211/94_ac	11	9.05	209390_ac	11	
219575 s at	1 <b>T</b>	0.03	200611_s_at	1T	0.04
219099 <u>at</u>	1 ጥ	0.03	32029_at		0.04
213033_4	1	0.00	000100		
212293_at	LT	0.03	203128_at	1.T	0.04
217989 at	1T	0.03	2105 <b>4</b> 3 s at	1T	0.04
212293_at 217989_at 202492_at	1 m	0 03	215629_s_at	1 17	0.04
202432_ac	11	0.03	213025_3_ac		
218639_s_at	1T	0.03	213620_s_at	1T	0.04
221421 s at	1 T	0.04	212007_at	1 T	0.04
		0.04	212076 2+	1 17	
214081_at 219634_at	T I	0.04	212076_at 201383_s_at	11	0.04
219634 at	$1 \mathrm{T}$	0.04	201383 s at	1T	0.04
218880 at	1 ጥ	0.04	215719_x_at	1T	0.04
		0.04	204200 -+		
212790_x_at		0.04	204209_at		0.04
218448_at	1T	0.04	203387_s_at	1T	0.04
220964 s at	1 ጥ	0 04	211941 s at	1 T	0.04
220964_s_at 202120_x_at	1	0.04	55001	1.00	
202120_x_at	IΤ	0.04	55081_at	1 <b>T</b>	
202524_s_at	1T	0.04	218179  s at	1 T	0.04
205812 s at		0 04	203432_at		
		0.04	203432_40	1.00	
207335_x_at	IΤ	0.04	210422_x_at 202556_s_at	1.1.	0.04
209165 at	1T	0.04	202556 s at	1T	0.04
201671 x at		0 04	208933_s_at	1 T	0.04
		0.04	200933_S_ac		
218945_at		0.04	200700_s_at	1T	
204161_s_at	1T	0.04	201477_s_at	1T	0.04
208010 s at	1 00	0.04	201815 s at		
206010_S_at	11	0.04	201013_S_at	11	
221194_s_at		0.04	218526_s_at	1 T	0.04
201543 s at	1T	0.04	$212081 \times at$	1T	0.04
		0.04	200000 a at		0.04
202719_s_at	T T	0.04	209880_s_at	11	
206900_x_at 203283_s_at	1T	0.04	209149_s_at	1 T	0.04
203283 s at	1T	0.04	208130_s_at	1T	0.04
203305 at	1 ጥ	0 04	51200_at	1 T	0.04
		0.04	31200_at	11	
220750_s_at		0.04	212794_s_at		0.04
210285_x_at 202122_s_at	1T	0.04	218306_s_at	1T	0.04
202122 - 2+	1 0	0.04	202658 at	1T	0.04
202122_S_ac	11	0.04	202036_ac	T I	
208669 <u>s</u> at	1T	0.04	2059 <b>4</b> 5_at	1 T	0.04
200714 x at	1 T	0.04	209451_at 209166_s_at 219287_at	1T	0.04
		0.04	209166 5 2+	1T	0.04
201700_at	11	0.04	209166_S_at	11	
217371_s_at 219434_at	1T	0.04	219287_at	1T	0.04
219434 at	1 T	0.04	216091 s at	1T	0.04
220669 at		0.04	204759 at		0.04
			_		
221025_x_at	1T	0.04	202814_s_at	1 <b>T</b>	0.04
209819 at	1T	0.04	200953 s at	1 T	0.04
205207 at	1T	0.04	206652_at	1T	0.04
208281_x_at	1T	0.04	214299_at	<b>1</b> T	0.04
200954 at	1T	0.04	203592 s at	1T	0.04
213526 s at	<b>1T</b>	0.04	217457_s_at	1 T	0.04
210772_at	1T	0.04	220532_s_at	1 T	0.04
206828 at	1 <b>T</b>	0.04	209061 at	1T	0.04
205627 at	1 T	0.04	208876 s at	1 T	0.04
209175_at	1 T	0.04	201575_at	1T	0.04
204316 at	1T	0.04	202284 s at	1 T	0.04
205197 s at	1 <b>T</b>	0.04	214583 at	1 T	0.04
			<b>—</b>		
207686_s_at	1 T	0.04	201507_at	1T	0.04
219001 s at	1 T	0.04	201511 at	1T	0.04
202761 s at	1 <b>T</b>	0.04	212101_at	1T	
					0.04
202633_at	1T	0.04	201403_s_at	1T	0.04
207431 s at	1T	0.04	219644 at	1 T	0.04
202485 s at	1T	0.04	210407 at		
				1T	0.04
207490_at	1 <b>T</b>	0.04	202774_s_at	1T	0.04
203435 s at	1T	0.04	206060_s_at	1 <b>T</b>	0.04
205588 s at	1T	0.04	209363 s at	1T	
					0.04
209392_at	<b>1T</b>	0.04	222067_x_at	1 T	0.04

203300_x_at	1T	0.04	21798 <b>4</b> _at	1T	
211429 s_at	1T	0.04	218563_at	1 T	0.04
218531 at	1T	0.04	213006 at		0.04
. 212440 at	1T	0.04	210225 x at	1T	0.04
213535 s at	1T	0.04	206978 at		
				1T	0.04
214766_s_at	1T	0.04	215566_x_at	1T	0.04
217913_at	1T	0.04	219232 s at	1 T	0.04
218268 at	1T	0.04	204404 at	1U	2.36e-06
221190_s_at	1 <b>T</b>	0.04	220691_at		2.97e-06
221500 s at	1T	0.04	217700 a+	1U	3.7e-06
			217780_at 202108_at	10	
202317_s_at	1T	0.04			3.7e-06
201049_s_at	1T	0.04	2089 <b>4</b> 9_s_at		3.7e-06
201857_at	1T	0.04	202120 x at	1 U	6.55e-06
204427_s_at	<b>1T</b>	0.04	205090 <u>_</u> s_at		6.55e-06
206036 s at	1Т	0.04	208818 s at	10	6.55e-06
201673 s at	1T	0.04	221218 s at		
				1U	1.12e-05
53202_at	1 <b>T</b>	0.04	209329_x_at	1U	1.12e-05
201774_s_at	<b>1</b> T	0.04	200078_s_at	.1U	1.24e-05
203773 x at	<b>1</b> T	0.04	2017 <b>4</b> 3 at	1U	1.38e-05
202093 s at	<b>1</b> T	0.04	203189 s at	1U	1.86e-05
201076 at	<b>1</b> T	0.04	208450 at	10	1.89e-05
	1T	0.04			
201913_s_at			208540_x_at	10	2.06e-05
220491_at	1 T	0.04	213198_at	10	2.84e-05
208309_s_at	1T	0.04	206380_s_at	1υ	2.94e-05
218641 at	1T	0.04	219375 at	1U	2.99e-05
203328 x at	<b>1</b> T	0.04	211630 s at	10	2.99e-05
204216_s_at	1T	0.04	207181 s at		2.99e-05
206267 s at	1T	0.04	207101_3_ac 209232 s at		
					2.99e-05
34206_at	1T	0.04	209009_at		2.99e-05
220023_at	1T	0.04	213470_s_at	10	3.21e-05
214875_x_at	$1 \mathrm{T}$	0.04	206643 at	1U	3.3e-05
220999 s at	1T	0.04	217949 s at	10	4.46e-05
210715 s at	<b>1</b> T	0.04	218495 at	10	4.69e-05
202566 s at	1T	0.04	203645 s at	10	4.69e-05
202810_at	1T	0.04	221739_at	10	4.69e-05
202009_at		0.04	202201_at	10	4.69e-05
209382_at	1T	0.04	209395_at		5.59e-05
202 <b>4</b> 79 s at	1T	0.04	218109 s at	10	5.83e-05
219517 at	1T	0.04	216041 x at		5.83e-05
48531 at	1T	0.04	217946 s at	10	5.97e-05
215806 x at	1T	0.04	205575 at		6.64e-05
			<b>—</b>		
210555_s_at			202638_s_at		
209105_at	1T	0.04	210423_s_at	10	6.93e-05
201408_at	1T	0.04	203721_s_at	10	7.2e-05
201737 s at	1T	0.04	218577 at	1U	7.78e-05
218725 at	<b>1T</b>	0.04	21 <b>3624</b> at	10	9.31e-05
213064 at	1T	0.04	209259 s at	10	1.01e-04
212665_at		0.04			
	1T		205174_s_at	10	1.02e-04
202113_s_at	1T	0.04	213203_at	10	1.08e-04
203057_s_at	1T	0.04	209790_s_at	10	1.08e-04
202436 s at	1T	0.04	202836 s at	1υ	1.08e-04
204994_at	1T	0.04	208308 s at	10	1.08e-04
208713_at	1T	0.04	200736 s at	10	1.08e-04
200693 at					
<del>-</del>	1T	0.04	200652_at	10	1.08e-04
201584_s_at	1T	0.04	201251_at	10	1.08e-04
201585_s_at	1T	0.04	201990_s_at	1U	1.08e-04
201155_s_at	<b>1T</b>	0.04	201847 at	10	1.08e-04
214787_at	1T	0.04	201231_s_at	10	1.08e-04
207802 at	1T	0.04	223035 s at	1U	1.11e-04
218420 s at			<del></del>		
	1T	0.04	212830_at	10	1.12e-04
205322_s_at	1T	0.04	212116_at	10	1.12e-04
208932_at	1T	0.04	208146_s_at	1U	1.12e-04
216202_s_at	<b>1T</b>	0.04	200661_at	10	1.12e-04
213400 s at	1 <b>T</b>	0.04	201118 at	1U	1.12e-04
				-	- <del>-</del>

201944 at	10	1.12e-04	200966_x_at	1U	3.34e-04
209610 s at	10	1.13e-04	201145 at	10	3.36e-04
207857 at		1.17e-04	213378 s at	1U	3.42e-04
206715 at	10	1.2e-04	219952 s at	1U	3.44e-04
214430 at		1.21e-04	205098 at	1U	3.44e-04
201470 at		1.3e-04	206039_at	10	3.47e-04
201770_dc 201753 s at	10	1.34e-04	204959_at	10	3.52e-04
210119 at	1U	1.34e-04	219666 at	10	3.54e-04
211661 x at	1U	1.41e-04	214511 x at		3.54e-04 3.54e-04
215049 x at	10	1.45e-04		10	
		1.59e-04	218304_s_at	10	3.54e-04
218387_s_at 218220 at	1U		204546_at	1U	3.54e-04
_	1U	1.59e-04	211133_x_at	1U	3.54e-04
204034_at	1U	1.59e-04	210241_s_at	10	3.54e-04
202838_at	1U	1.59e-04	205237_at	10	3.54e-04
201119_s_at	10	1.59e-04	208704_x_at	10	3.54e-04
221221_s_at	1U	1.73e-04	220001_at	10	3.58e-04
53968_at	10	1.76e-04	204875_s_at	10	3.58e-04
217977_at	1U	1.79e-04	221222_s_at	10	3.58e-04
205770_at	10	1.82e-04	208726_s_at	10	3.68e-04
200599 <u>s</u> at	1U	1.95e-04	219434_at	10	3.77e-04
214746_s_at	10	2.04e-04	211043_s_at	1 U	3.93e-04
212606_at	10	2.04e-04	207821_s_at	1 U	3.93e-04
218450_at	1U	2.04e-04	36994_at	10	4.0e-04
217865_at	10	2.04e-04	219336_s_at	1 U	4.04e-04
204588_s_at	1U	2.04e-04	203593_at	1 U	4.24e-04
209864_at	1U	2.04e-04	203910_at	1 U	4.31e-04
205119_s_at	1U	2.04e-04	220974_x_at	10	4.34e-04
204900_x_at	1U	2.04e-04	201631 s at	10	4.37e-04
200871_s_at	1U	2.04e-04	202897 at	1 U	4.45e-04
201089_at	1U	2.04e-04	219359 at	1 U	4.46e-04
203973 s at	1U	2.26e-04	206026 s at	1U	4.47e-04
213366 x at	1U ·	2.3e-04	218535 s at	1U	4.51e-04
217955_at	1U	2.3e-04	35820 at	1U	4.58e-04
217722 s at	1U	2.3e-04	219220 x at	1U	4.58e-04
221434 s at	10	2.3e-04	220386 s at	1U	4.58e-04
211988 at	1U	2.3e-04	219293 s at	1U	4.58e-04
202393 s at	1U	2.3e-04	220753 s at	1U	4.58e-04
203190 at	1U	2.3e-04	203091 at	1U	4.58e-04
205726 at	1υ	2.3e-04	20 <b>2295</b> s at	1U	4.58e-04
208675 s at	10	2.3e-04	202961 s at	10	4.58e-04
200818 at	10	2.3e-04	202677 at	1U	4.58e-04
200762 at	1U	2.3e-04	208873 s at	1U	4.58e-04
200757 s at	10	2.3e-04	201900 s at	10	4.58e~04
201256 at	10	2.3e-04	201850 at	10	4.58e-04
218502 s at	10	2.49e-04	223887 at	10	4.61e-04
211429 s at	10	2.57e-04	218739 at	1U	4.7e-04
200678 x at	10	2.63e-04	31826 at	1U	4.98e-04
219147 s at	1U	2.76e-04	216945 x at	1U	5.04e-04
208018 s at	10	2.97e-04	204214 s at	1U	5.07e-04
202990 at	1U	3.11e-04	212330 at	10	5.09e-04
203282_at	10	3.25e-04	218231 at	10	5.12e-04
218592 s at	10	3.26e-04	206111 at	10	5.18e-04
213545 x at	1U	3.27e-04	218225 at	10	5.28e-04
212527 at	10	3.27e-04	201694 s at	10	5.33e-04
218101_s_at	10	3.27e-04 3.27e-04	201894_S_at 205844 at	10	5.4e-04
204313_s_at	10	3.27e-04 3.27e-04	<del>_</del>	10 10	5.4e-04 5.5e-04
204313_s_at 204786 s at	1U	3.27e-04 3.27e-04	211048_s_at		
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	1U		203535_at	1U	5.63e-04
209444_at	1U	3.27e-04	221539_at	1U	5.66e-04
208630_at	1U	3.27e-04 3.27e-04	205382_s_at	1U	5.71e-04
208787_at	1U		219317_at	1U	5.88e-04
200023_s_at	1U	3.27e-04	204620_s_at	10	5.88e-04
201527_at 200872 at	1U 1U	3.27e-04 3.27e-04	209684_at	1U	5.88e-04
200012 dt	ΤÜ	J. 2 / E = U4	209 <b>94</b> 9_at	10	5.88e-04

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1υ
                 5.88e-04
206214 at
                                           206662 at
                                                         1U
                                                              9.01e-04
                   5.88e-04
                                           212541_at
205863 at
              1U
                                                              9.06e-04
208771_s_at
              1U
                   5.88e-04
                                           219593 at
                                                              9.14e-04
208832 at
              1U
                   5.88e-04
                                           201168_x_at
                                                              9.26e-04
217398 x_at
              1U
                   5.89e-04
                                           218209 s at
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                                                              9.44e-04
227276_at
              1U
                   5.94e-04
                                           217763_s_at
                                                         1U
                                                              9.44e-04
                   5.94e-04
                                                              9.44e-04
218163 at
              1U
                                           218454 at
                                                         10
219933 at
              1U
                   6.32e-04
                                           217764 s at
                                                         1U
                                                              9.44e-04
                                                              9.44e-04
214305_s_at
                   6.32e-04
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218467 at
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                                           203409 at
                                                         1U
                                                              9.44e-04
218019_s_at
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              1U
                                           203922 s at
                                                              9.44e-04
                                                         1U
218139_s_at
              1U
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                                           211576 s at
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                                                              9.44e-04
203621 at
                   6.32e-04
              1U
                                           209555 s at
                                                         1U
                                                              9.44e-04
203575 at
              1U
                   6.32e-04
                                           212192 at
                                                          1U
                                                              9.44e-04
204489_s_at
221597_s_at
              1U
                   6.32e-04
                                           202917_s_at
                                                         1U
                                                              9.44e-04
              1U
                   6.32e-04
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                                                         1U
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209964_s_at
203067_at
207072_at
              1U
                   6.32e-04
                                           203041_s_at · 1U
                                                              9.44e-04
              1U
                   6.32e-04
                                                              9.44e-04
                                           202856_s_at
                                                         1U
              1U
                   6.32e-04
                                           206120 at
                                                          1U
                                                              9.44e-04
208680_at
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221139 s at
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211752 s at	1U	1.201296e-03	208658 at	1U	1.534407e-03
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44120 at	1U	1.257577e-03	_		
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217926 at	1U	1.265483e-03	208371 s at	1U	1.568742e-03
201923 at	10	1.274543e-03	218188 s at	1U	1.569622e-03
218052 s at					
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205762 s at	10	1.292374e-03	216438_s_at	10	1.614745e-03
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201568 at					
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209941 at	1U	1.375945e-03	206770 s at	1 U	1.791803e-03
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38703 at	1U	1.425495e-03	225282 at	1U	1.844356e-03
205776 at	10	1.431947e-03	201039 s at	1U	1.848789e-03
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218465 at					
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201642_at	1U	1.465944e-03	205436_s_at	1υ	1.95162e-03
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209030 s at	10	1.511725e-03	36564 at	1U	1.958481e-03
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201903 at	10	1.534126e-03			
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219575_s_at	10	1.534407e-03	217817 at	1U	2.014915e-03
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2035 <b>4</b> 7 at	1 U	1.534407e-03	211824 x at	1ប	2.014915e-03
221563_at	10	1.534407e-03	210378 s at	10	2.014915e-03
			210210_3_at		
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204981 at	1U	2.115939e-03	201482 at	1U	2.592746e-03
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211725 s at	1U	2.152756e-03	64486 at	1 U	2.6181e-03
217956 s at	1U	2.171373e-03	$21917\overline{6}$ at	1U	2.6181e-03
210792 x at	1U	2.173012e-03	218190 s at	10	2.6181e-03
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218471_s_at	1U	6.557745e-03	203663_s_at	1 U	6.820241e-03
204232_at	10	6.557745e-03	210042_s_at	1U	6.930284e-03
221498_at	10	6.557745e-03	213607_x_at	10	6.979988e-03
203249_at	10	6.557745e-03	218951_s_at	10	6.983284e-03
203118_at	1U	6.557745e-03	213083_at	10	6.98636e-03
202364_at	1U	6.557745e-03	218646_at	1U	6.986923e-03
202359_s_at	10	6.557745e-03	219403_s_at	10	7.001815e-03
205099_s_at	10	6.557745e-03	201406_at	10	7.013476e-03
206966_s_at	10	6.557745e-03	225091_at	10	7.025986e-03
207168_s_at	10	6.557745e-03	207492_at	1U	7.042896e-03
205176_s_at	1U	6.557745e-03	201264_at	1U	7.062751e-03
207765_s_at	1U	6.557745e-03 6.566086e-03	208756_at	1U	7.065321e-03 7.111395e-03
209943_at 202810 at	1U 1U	6.570439e-03	219526_at 209565 at	1U 1U	7.111393e-03 7.134061e-03
202610_ac 200684_s_at	1U	6.571397e-03	209556 at	1U	7.154001e-05
213957 s at	10	6.601281e-03	211113 s at	10	7.160594e-03
205590 at	10	6.608204e-03	214291 at	10	7.164825e-03
208024 s at	10	6.612196e-03	204559 s at	10	7.16487e-03
211998 at	1U	6.629566e-03	218104 at	10	7.19481e-03
212333 at	10	6.649972e-03	208734 x at	10	7.205863e-03
202950 at	10	6.652158e-03	200901 s at	10	7.254159e-03
203978 at	1U	6.667076e-03	217809 at	1U	7.265829e-03
212656 at	1U	6.669408e-03	200840 at	10	7.282689e-03
218321 x at	1U	6.669408e-03	200068 s at	1U	7.296982e-03
207604 s at	1U	6.669408e-03	209224 s at	1 U	7.307267e-03
200808_s_at	10	6.670092e-03	218229_s_at	10	7.30744e-03
214119_s_at	10	6.679e-03	213958_at	1U	7.308663e-03
200824_at	1U	6.682899e-03	208688 <u>x</u> at	10	7.317561e-03
214590_s_at	10	6.700115e-03	206088_at	10	7.357895e-03
212383_at	10	6.728846e-03	213047_x_at	10	7.374904e-03
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57715_at	10	6.789341e-03	205060_at	1U	7.526639e-03
219118_at	10	6.789341e-03	219598_s_at	1U	7.530712e-03
218616_at	1U	6.789341e-03	220446_s_at	1U	7.535928e-03
212584_at	10	6.789341e-03	201139_s_at	1U	7.60794e-03 7.60988e-03
213622_at 213571 s at	10	6.789341e-03	202495_at 201760 s at	10	7.60988e-03 7.637995e-03
2133/1_S_at	10	6.789341e-03	201/00_S_at	10	,.03,3336-03

200820_at	10	7.638729e-03	200595_s_at	1U	8.433039e-03
208998 at	1U	7.645585e-03	32209 at	1U	8.43432e-03
214437 s at	1υ	7.668132e-03	$21871\overline{4}$ at	10	8.43432e-03
208798 x at	10	7.713204e-03	218513 at	10	8.43432e-03
217944_at	10	7.713833e-03	219641_at	10	8.43432e-03
234403 <u>a</u> t	10	7.72517e-03	219256_s_at	1U	8.43432e-03
221087 s at	1U	7.725369e-03	212352 s at	1U	8.43432e-03
208876 s at	10	7.764604e-03	213539 at	1U	8.43432e-03
212860 at	1 U	7.77752e-03	218286 s at	1U	8.43432e-03
229770 at	10	7.791847e-03	218213 s at	1U	8.43432e-03
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203810_at	10	7.791921e-03	218420_s_at	1U	8.43432e-03
216308_x_at	10	7.79589e-03	218 <b>461_a</b> t	1U	8.43432e-03
201394_s_at	1U	7.79605e-03	217899_at	1U	8.43432e-03
212629 s at	1U	7.798665e-03	203800 s at	1U	8.43432e-03
201160 s at	1U	7.80243e-03	204168 at	1U	8.43432e-03
207624 s at	1U	7.807281e-03	203279 <sup>—</sup> at	1U	8.43432e-03
202324_s_at	10	7.818531e-03	202698 x at	10	
220603 s at					
	10	7.835455e-03	202420_s_at	1U	8.43432e-03
205831_at	1U	7.846278e-03	205758_at	1U	8.43432e-03
2027 <b>4</b> 1_at	1U	7.869604e-03	208689_s_at	1U	8.43432e-03
204912 at	1U	7.873503e-03	160020 at	1U	8.43432e-03
221277 s at	1U	7.895197e-03	201782 s at	1U	8.43432e-03
217754 at	1υ	7.899179e-03	201592 at	10	8.43432e-03
213397 x at	10	7.902953e-03	201457 x at	10	8.43432e-03
203159_at	10	7.912051e-03	201140_s_at	10	8.43432e-03
208801_at	1U	7.920383e-03	200005_at	10	8.440515e-03
216199_s_at	1U	7.942583e-03	218320_s_at	1υ	8.455485e-03
219242_at	1U	7.942853e-03	200953 s at	1U	8.493784e-03
214129 at	1U	7.94762e-03	210407 at	1U	8.526218e-03
224856 at	1 U	7.9641e-03	201138_s_at	1U	8.52728e-03
200033 at	1U	7.96653e-03	217837 s at	1U	8.563991e-03
213006 at					
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217840_at	1U	8.007605e-03	230518_at	1U	8.627647e-03
244052_at	1U	8.04791e-03	204145_at	1U	8.649029e-03
201595_s_at	1U	8.052341e-03	204594 s at	1U	8.702814e-03
218921 at	1U	8.071953e-03	210784 x at	1U	8.705515e-03
201770 at	1 U	8.073679e-03	218059 at	10	8.709506e-03
209099 x at	1υ	8.075914e-03	203436 at	1U	8.71614e-03
211135 x at	1U	8.080428e-03	217 <b>4</b> 92_s_at	1U	8.726687e-03
200658 s at	1U	8.12316e-03	201383_s_at		
				10	8.739127e-03
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208970 <u>s</u> at	10	8.198729e-03	217918_at	1U	8.775233e-03
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221847 at	1U	8.252131e-03	222218 s at	10	8.786911e-03
210532 s at	1U	8.25234e-03	202689 at	1U	8.799609e-03
	· 1U	8.266173e-03	212144 at	1U	8.822637e-03
201757 at	1U	8.295296e-03	208961 s at	1U	8.836469e-03
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219280_at	1 U	8.310986e-03	214784_x_at	10	8.883028e-03
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215338 s at	10	8.324364e-03	207668 x at	10	8.904795e-03
208986 at	1 U	8.326189e-03	218319_at	1U	8.906323e-03
218836 at	10	8.327907e-03	220319 s at	10	8.908593e-03
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		8.333593e-03	<del></del>	10	
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                                          213049 at
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203380 x at
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                                           202013 s_at
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211747 s at
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	1U	0.01	213261 at	1U	0.01
	1U	0.01	200800 s at		0.01
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218032 at	1U	0.01	216411 s at	1U	0.01
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	1U	0.01	218437_s_at		0.01
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		0.01	207721 x at	1U	0.01
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207008 at			<del></del>		
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220305 at	111	0.01	225361 x at		0.01
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	10				
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217980_s_at	1U	0.01	209123_at	. 1U	0.01
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					0.01
202846_s_at	10	0.01	208896_at	10	0.01
209349_at	10	0.01	202584_at	10	0.01
217917_s_at	10	0.01	204497_at	1U	0.01
213023_at	10	0.01	218042 at	1U	0.01
203651_at	10	0.01	203509 <sup>—</sup> at	1υ	0.01
204882 at	1U	0.01	201063 at	10	0.01
204000 at	1U	0.01	202058 s at	10	0.01
208274 at	1U	0.01			
_			31874_at	10	0.01
207108_s_at	10	0.01	218627_at	10	0.01
209484_s_at	10	0.01	219169_s_at	10	0.01
202243_s_at	10	0.01	214030_at	10	0.01
201303_at	10	0.01	214181_x_at	·1U	0.01
212508_at	1U	0.01	213038_at	10	0.01

212472	1 17	0 01	205402+	1 11	0 01
212473_s_at	10	0.01	205483_s_at	10	0.01
213650_at	10	0.01	208827_at	1U	0.01
215399 s at	10	0.01	208827_at 218821_at	1U	0.01
203607 at	1U	0.01	213280_at	1U	0.01
220774 at		0.01	214359 s at	10	0.01
_					
222065_s_at	10	0.01	212798_s_at	1U	0.01
209717_at	10	0.01	212467_at	10	0.01
211990_at	10	0.01	214054 at	10	0.01
210142 x at	1U	0.01	217756_x_at	1U	0.01
203097_s_at		0.01	218118 s at		0.01
	10	0.01	2037 <b>45</b> _at		0.01
	10	0.01	203960_s_at	10	0.01
207358_x_at		0.01	203327_at	1U	0.01
205584 at	1U	0.01	204025 s at	1U	0.01
205789 at	1U	0.01	221832 s at	1U	0.01
205128_x_at		0.01	221587_s_at	1U	0.01
205025_n_dc	1U		202820 at	1U	0.01
205025_at 205685_at	10				
205685_at	10		203024_s_at	10	0.01
205928_at		0.01	202298_at		0.01
209 <b>4</b> 33 s at	1U	0.01	202 <b>428 x</b> at	10	0.01
207707 <u>s</u> at	10	0.01	209066 x at	1U	0.01
200714 x at			209103 s at		0.01
200669_s_at					
			208921_s_at	10	0.01
200744_s_at		0.01	2006 <b>47_</b> x_at	10	0.01
201422_at	1U	0.01	201347_x_at	10	0.01
201921_at 204951_at	1U	0.01	201064 s at	1U	0.01
204951 at	1 U	0.01	201239 s at	1U	0.01
224560 at	1 TT	0 01	201577 at		0.01
		0.01	201781_s_at		0.01
201344_at	10				
203106_s_at		0.01	2266 <b>72</b> _s_at	10	0.01
200715_x_at	1U	0.01	206934_at		0.01
227625 s at	1 U	0.01	202877 <u>s</u> at	1 U	0.01
238530_at	10	0.01	201000_at	1U	0.01
201874 at	1 []		219110 at	1U	0.01
201874_at 209668_x_at	111	0.01	219110_at 203074_at	1U	
203000_x_at	1 17		210017 at	1.77	
203489_at		0.01			
	10	0.01	203173_s_at		
214459_x_at	1U	0.01	224615_x_at	1U	0.01
AFFX-HUMGAPD	H/		218174 s at	1U	0.01
M33197	1U	0.01	20887 <b>4</b> x at	1U	0.01
208858 s at	1U	0.01	AFFX-HUMISGF		0.02
				•	0 01
221808_at	1U	0.01	M9793	1U	0.01
218768_at	10	0.01	203342_at	10	0.01
34764_at	1U	0.01	2182 <b>92</b> _s_at	10	0.01
221676 s at	1U	0.01	2123 <b>3</b> 5 at	1U	0.01
209069_s_at	1U	0.01	2209 <b>42</b> _x_at	1U	0.01
212716_s_at	10	0.01	211716 x at	10	0.01
208754 s at	1U	0.01	227954 at	10	0.01
201479_at	10	0.01	208796_s_at	10	0.01
214106_s_at	10	0.01	202321_at	10	0.01
219260 s at	10	0.01	218374 s at	10	0.01
202050 s at	1U	0.01	215 <b>416</b> s at	1U	0.01
204244 s at	10	0.01	212175 s at	10	0.01
219137 s at	1U	0.01	209137 s at	10	0.01
218089_at	10	0.01	218890_x_at	10	0.01
223533 <u>a</u> t	10	0.01	205061 <u>_</u> s_at	10	0.01
229120_s_at	1U	0.01	211763_s_at	1U	0.01
203133 at	10	0.01	210889 s at	10	0.01
55616 at	1U	0.01	200660 at	10	0.01
_		0.01		10	
210648_x_at	10		202467_s_at		0.01
208766_s_at	10	0.01	201201_at	10	0.01
200633_at	10	0.01	201214_s_at	10	0.01
213209_at	10	0.01	203080_s_at	10	0.01
211948 x at	10	0.01	202565 s at	1U	0.01
				-	

211727 s at	1U	0.01	203140 at	1U	0.01
	1U	0.01	218 <b>652</b> _s_at	1U	0.01
209515 s_at	1U	0.01	201126_s_at	1U	0.01
219065 s at	1U	0.01	203358 s at	1U	0.01
205328_at	10	0.01	205 <b>63</b> 3_s_at	1U	0.01
202449 s at	1U	0.01	20 <b>6342</b> x at	1U	0.01
	1υ	0.01	227994 x at	1U	
					0.01
206766_at	10	0.01	207563_s_at	10	0.01
202065 s at	1U	0.01	218136 s at	1U	0.01
201010 s at		0.01	214531 s at		
			<b>—</b>		0.01
220746 s at	1U	0.01	217830 s at	1U	0.01
203507_at	1U	0.01	202433_at	1U	0.01
212544 2+	1 17	0.01	202346 25	1 17	
212544_at 205698_s_at	10		2023 <b>46</b> _at 2075 <b>4</b> 5_s_at	10	0.01
205698_s_at	10	0.01	2075 <b>4</b> 5_s_at	1U	0.01
212160 at	1U	0.01	220306_at	1U	0.01
204749 at		0.01	201011 at	111	
			201011_at	10	0.01
211609_x_at	10	0.01	212669_at 236953_s_at 229250_at	10	0.01
320 at	1U	0.01	236953 s at	1U	0.01
202 <del>3</del> 95 at	111	0.01	220250 2+	1 11	0.01
			229230_at	10	
222062 <u>a</u> t		0.01	218373_at	1U	0.01
220954_s_at	1U	0.01	205068 s at	1U	0.01
212910 at	1 r ī	0.01	202362 at	1U	0.01
212910_at 221011 s at	1.0		202302_ac	10	
221011_s_at	ΤO	0.01	205068_s_at 202362_at 201175_at	1U	0.01
201929 s at	1U	0.01	218614_at	1U	0.01
212239_at		0.01	218 <b>698</b> _at	1U	0.01
			206100+	1 11	
213351_s_at 217864_s_at	10	0.01	206108_s_at	10	0.01
217864_s_at	10	0.01	211385_x_at	1U	0.01
202610 s at	1U	0.01	202568 s at	1U	0.01
205114 s at		0.01	201277 s at		0.01
200045_at	ΤÜ	0.01	<b>202141</b> _s_at	10	0.01
201210 at	1U	0.01	20 <b>324</b> 3 s at	1U	0.01
201210_at 204759_at	1υ	0.01	221745 at	1U	0.01
206130 s at	1U	0.01	205538 at		0.01
203218_at	10	0.01	<b>210422_</b> x_at	10	0.01
206875_s_at	1U	0.01	203188_at	1U ·	0.01
213387 at	1U	0.01	212405 s at	10	
208910_s_at		0.01	211285_s_at		0.01
216210_x_at	1U	0.01	2117 <b>5</b> 5 s at	1U	0.01
205448_s_at	10	0.01	203561_at	1U	0.01
212361 s at	111	0.01	220526 2 24	10	0.01
212301_S_at	10		220526_s_at	10	
	10	0.01	21 <b>4638</b> _s_at	1U	0.01
33197 at	1U	0.01	20 <b>0666</b> s at	1U	0.01
21939 <mark>0</mark> _at	10	0.01	201029_s_at	10	0.01
			201025_3_ac		
204175_at	1υ	0.01	201980_s_at	10	0.01
207535_s_at	1U	0.01	220167 s at	10	0.01
218499 at	1U	0.01	201490 s at	10	0.01
211997 <sup>-</sup> x at	1U	0.01	203781 at	10	0.01
213136_at	10	0.01	207843_x_at	10	0.01
235062 at	1U	0.01	21 <b>7868</b> s at	1U	0.01
201501 s at	1U	0.01	217815 at	10	0.01
213923_at	1U	0.01	204308_s_at	10	0.01
209286 at	1U	0.01	20 <b>71</b> 80 s at	10	0.01
213518 at	1U	0.01	206925 at	10	0.01
204257 at	10	0.01	210266 s at		
				10	0.01
216268_s_at	10	0.01	202 <b>41</b> 9_at	10	0.01
221680 s at	1U	0.01	218194 at	10	0.01
205191_at	10	0.01	221475 s at	10	0.01
218271_s_at	10	0.01	21 <b>8026_</b> at	10	0.01
204700_x_at	1U	0.01	201020_at	10	0.01
219066 at	10	0.01	215438 x at	10	0.01
		0.01			
217871_s_at	10		217286_s_at	10	0.01
201268_at	10	0.01	203 <b>44</b> 7_at	1U	0.01
207794 at	1U	0.01	221306 at	10	0.01
212491 s at	10	0.01	221565 s at	1U	0.01
	10	U. UI	221303_5_aC	10	0.01

000400	7 **	0 01	201261 4	1 **	0 01
209482_at		0.01	201361_at	10	0.01
210453_x_at	1U	0.01	201054_at	1U	0.01
202343 x at	1U	0.01	201054_at 209122_at 219889_at	1U	0.01
	1U		21 9889 at	1 []	0.01
202221 s_at			219005_at 218870_at	111	0.01
	1U	0.01	218870_at		
202264_s_at	1U	0.01	212625_at		0.01
204929_s_at	1U	0.01	212657_s_at	1U	0.01
205967 at	1U	0.01	214060 at		0.01
	10		215773 x at		0.01
209075_s_at			215633_x_at		0.01
208778_s_at			215813_s_at		0.01
200846_s_at	1U	0.01	204774_at	1U	0.01
	10	0.01	20 <b>4646</b> at	1U	0.01
200597_at 201705_at	111	0.01	203996_s_at	111	0.01
201272 at	117	0.01	203330_5_40	117	
			203656_at		0.01
200885_at	10	0.01	204204_at	1U	0.01
201722_s_at 218056_at	1U	0.01	203574_at 211101_x_at	1υ	0.01
218056 at	1U	0.01	211101 x at	1U	0.01
216241_s_at	111	0.01	202727_s_at	111	0.01
207078 at			203246 s at		0.01
		0.01	202442_at	1U	0.01
203401_at	1U	0.01	202241_at 202906_s_at	1U	0.01
202082_s_at	1U	0.01	202906 s at	1U	0.01
	1U	0.01	205922 at	1U	
		0.01	208488 s at		0.01
	10		209409_at		0.01
210544_s_at			207730_x_at		0.01
231917 at	1U	0.01	200065_s_at	1U	0.01
200778 s at	1υ	0.01	201649 at		0.01
200805_at		0.01	200911 <u></u> s_at	1U	0.01
	10	0.01	219777 at		0.01
	1U	0.01	200727 <u>s</u> at		0.01
202220_at	10	0.01	219452_at		0.01
221932_s_at	1U	0.01	209247_s_at	1U	0.01
	10	0.01	211474 s at		0.01
211623 s at		0.01	221692 s at	1 U	0.01
			203230 at		
218395_at					0.01
213508_at	ΤÜ	0.01	203225_s_at		0.01
243_g_at 218236_s_at	1U	0.01	209161_at 64438_at	1U	0.01
218236 s at	1U	0.01	64438 at	1U	0.01
209572_s_at	1U	0.01	21419 <del>6</del> _s_at	1U	0.01
201028_s_at		0.01	205621 at	10	
202524_s_at	1U	0.01			
			220610_s_at	1U	0.01
200687_s_at	1U	0.01	208667 <u>s</u> at	1 U	0.01
202123_s_at	1U	0.01	230949_at	1U	0.01
202064_s_at	1U	0.01	208843_s_at	1U	0.01
201053_s_at	1U	0.01	209892 <u>a</u> t	· 1U	0.01
201012 at	1U	0.01	210951 x at	10	0.01
210644 s at	1U	0.01	204808 s at	10	
					0.01
201360_at	10	0.01	212426_s_at	1U	0.01
217816_s_at	1U	0.01	204891_s_at	1U	0.01
220800_s_at	1U	0.01	209127_s_at	1υ	0.01
218512 at	1U	0.01	208392 x at	1U	0.01
218597 s at	10	0.01	218732_at	1U	0.01
201519_at	10	0.01	217860_at	10	0.01
218973_at	1U	0.01	206474_at	1U	0.01
207121_s_at	10	0.01	212 <b>462</b> _at	1 U	0.01
219913 s at	10	0.01	204985 s at	10	0.01
208826 x at	10	0.01	221581 s at	10	0.01
212989 at	10	0.01	202634 at	10	
					0.01
218005_at	10	0.01	208039_at	10	0.01
201653_at	10	0.01	217807_s_at	10	0.01
204071_s_at	1U	0.01	204440_at	1U	0.01
211478 s at	10	0.01	225299 at	1U	0.01
			<del>-</del>		

	_				
200076 s at	1U	0.01	212351_at	1 U	0.01
213846 at	1U	0.01	214869 <u>x</u> at	1U	0.01
		0.01	21.42.41	10	0.01
218327_s_at			214241_at		
208627_s_at		0.01	213931_at		0.01
217891_at	1U	0.01	213849 s at	10	0.01
	1U	0.01	213483 at	1U	0.01
					0.01
	1U	0.01	214752_x_at	10	
208631_s_at	1U	0.01	214298_x_at	10	0.01
202862_at	1U	0.01	213932 x at	1U	0.01
220210_at	1U		215758 x at	10	0.01
220210_ac	10				
209712 <u>a</u> t		0.01	215909_x_at		0.01
218001_at	1U	0.01	218123_at	1U	0.01
200626_s_at 200875_s_at	1 ()	0.01	218366 x at		0.01
200975 2 2+	1 11	0.01	215737 x at		0.01
200673_S_ac	10	0.01	<del></del>		
218084_x_at		0.01	217858_s_at		0.01
200940_s_at	1U	0.01	218192 at	10	0.01
206723 s at	1U	0.01	218237 s at	1U	0.01
219128 at		0.01	218456 at		
219120_ac	10	0.01	210430_ac		
201114_x_at	10	0.01	204070_at		0.01
201515 s at	1U	0.01	20 <b>4788</b> s at	1U	0.01
213587 <u>s</u> at	1U	0.01	204791_at	1U	0.01
39402 at			204655 at	111	0.01
			204655_at 204731_at	10	
219816_s_at	1U				0.01
226066 at	10	0.01	203 <b>600</b> s at	1U	0.01
209288 s at		0.01	203788_s_at	1U	0.01
			204023 at		0.01
218645_at	10				
201244_s_at			204197_s_at		0.01
216515 x at	1U	0.01	2210 <b>90</b> s at	1U	0.01
201101 s at		0.01	220925 at	1U	0.01
		0.01		10	0.01
			220791_x_at		
212334_at		0.01	2109 <b>26_</b> at	10	0.01
212079 s at	1U	0.01	210137_s_at	1υ	0.01
211922 s at	1U	0.01	210438 x at		0.01
205775 at		0.01	210279 at		0.01
	1U	0.01	20958 <b>4</b> _x_at	10	0.01
201036 s at	1U	0.01	209608_s_at	1U	0.01
206710 s at	1U	0.01	209 <b>457</b> at	1U	0.01
203306 s at		0.01	211783_s_at	1U	0.01
632_at		0.01	212251_at 211921_x_at	10	0.01
210240_s_at	10	0.01	211921_x_at	1U	0.01
205821 at	1U	0.01	203007_x_at	1U	0.01
$209971^{-}$ x at			202491 s at		0.01
202109_at	1U	0.01	203026_at	10	0.01
204800_s_at	1U	0.01	202 <b>426_</b> s_at	10	0.01
205518 s at	1U	0.01	203062 s at	1U	0.01
207980 s at	1υ	0.01	202138 x at	1U	0.01
203013 at	10	0.01	203082_at	10	0.01
212792_at	10	0.01	205873 <u>a</u> t	10	0.01
40465 at	1U	0.01	205988_at	1U	0.01
$21084\overline{7} \times at$	1U	0.01	205488 at	1 U	0.01
212826 s at	10	0.01	206565 x at	1U	0.01
201252_at	10	0.01	207186_s_at	10	0.01
202887 s at	10	0.01	205411 at	1 U	0.01
208541 x at	1 U	0.01	206562 s at	10	0.01
219956 at	1U	0.01	205105 at	1U	0.01
<del></del>					
202373_s_at	10	0.01	208616_s_at	10	0.01
35685 at	10	0.01	207992_s_at	10	0.01
219351 at	10	0.01	208634 s at	10	0.01
219957 at		0.01	208835 s at	10	0.01
<b>—</b>	10				
219304_s_at	10	0.01	208549_x_at	1U	0.01
219582 at	1U	0.01	208611_s_at	10	0.01
218819 at	1 U	0.01	200675 at	10	0.01
219988 s at	10	0.01	200772 x at	10	0.01
212295_s_at	10	0.01	201584_s_at	10	0.01

201522_x_at	1U	0.01	218092_s_at	1U	0.01
201516 at	1U	0.01	203335 at	1U	0.01
201861_s_at			204160 s at		0.01
	10	0.01	203718_at		0.01
216237 s at	10	0.01			
210237_S_at 212640 at	10		203347_s_at	1U	
		0.01	203686_at	10	0.01
212500 <u> </u>		0.01	204676 <u>a</u> t		0.01
217776_at	1U	0.01	209517_s_at	10	0.01
213687 s at	1U	0.01	210996 <u>s</u> at	1U	0.01
213687_s_at 219599_at	1U	0.01	212159 x at		0.01
223179 at	1 U	0.01	202557 at		0.01
221666 s at		0.01	202754_at	10	
201589_at		0.01	205094_at		0.01
201303_at	111	0.01	200034_ac	111	
202209_at 218877_s_at	10		209218_at 209366_x_at	1U	
2188//_s_at	10	0.01	209366_X_at	10	
218927_s_at		0.01	200623_s_at		0.01
219399_at	10		200613_at		0.01
219812_at 220342_x_at 219045_at	1U	0.01	209492_x_at		0.01
220342_x_at	1U	0.01	219198_at	1U	0.01
219045 at	1U	0.01	217940_s_at	1U	0.01
220048 at	1U	0.01	218175 at	1U	0.01
214339_s_at		0.01	20 <b>4610</b> s at		0.01
214163 at	117	0.01	210038 at	10	0.01
214163_at 203377_s_at	111	0.01	210038_at 206035_at	111	0.01
204275_at	117	0.01	200035_at 208723 at	10	
221499_s_at	10	0.01	208663_s_at	1U	
21052/_x_at	10	0.01	210284_s_at 212440_at 202361_at	10	
210865_at	10	0.01	212440_at	10	
210527_x_at 210865_at 202208_s_at	1U	0.01	202361_at	1U	
202161 at	1U	0.01	204601_at		
205885 s_at	1U	0.01	2178 <b>4</b> 6_at	1U	0.01
205885_s_at 205315_s_at 206235_at	1U	0.01	217846_at 201331_s_at 212780_at	1U	0.01
206235 at	1υ	0.01	212780 at	1U	0.01
206471 s at	10	0.01	202973 x at	10	0.01
204980_at		0.01	218244 at		0.01
209197 at	111	0.01	202173_s_at		0.01
209197_at 200607_s_at	111	0.01	202175_3_dc 221776 s at		0.01
201635_s_at	111	0.01	221776_S_ac 209157 at		
201035_S_at	10				0.01
201280_s_at	10	0.01	218108_at	10	0.01
202867_s_at 202605_at	10	0.01	208746_x_at 212303_x_at	10	0.01
		0.01			0.01
203031_s_at	10	0.01	222140_s_at	10	0.01
226071_at	1U	0.01	209136_s_at	10	0.01
213079_at	1U	0.01	201697_s_at	1U	0.01
218147 s at	111	0.01	202699 s at	1U	0.01
213775_x_at	1U	0.01	210236 at	1U	0.01
396 f at		0.01	220796 x at		0.01
209477 at		0.01	221821 s at		0.01
206666 at	10	0.01	217898_at	10	0.01
206118 at	1U	0.01	217030_ac 214132 at	1U	
205118_at 205267_at	10	0.01	214132_at 229886_at	111	
203207_aL	10		229000_at	10	
207782_s_at		0.01	208758_at		
211615_s_at	1U	0.01	20 <b>4674</b> _at		0.01
219382_at	10	0.01	211675_s_at		0.01
212274_at	1U	0.01	208026_at		
218080_x_at		0.01	213304_at	10	0.01
210962_s_at		0.01	221449 s_at	10	0.01
218740 s at	10	0.01	219982_s_at		0.01
219335 at	10	0.01	213551 x at		0.01
219924 s at	1U	0.01	212589 at		0.01
	1U	0.01	212305_dt 218309 at		
	1U	0.01	218309_at 218329_at		0.01
	1U	0.01			
			203888_at	1U	0.01
215148_s_at	1υ	0.01	207979_s_at	10	0.01

208151 x at	1U	0.01	203936 s at	1U	0.02
201024 x_at	1U	0.01	219421_at	1U	0.02
201996 s_at	1U	0.01	218239 s at	1U	0.02
202382 s at	1U	0.01	201255_x_at	1U	0.02
117_at	10	0.01	203262_s_at	1U	0.02
	1U	0.01	200711 s at	1U	0.02
232664 at	1U	0.01	201657 at	1U	0.02
224099 at	1U	0.01	201855 s at	1U	0.02
218440 at		0.01	204182 s at		0.02
213835_x_at		0.01	209585_s_at	1U	0.02
231756 at		0.01	36711 at	1U	0.02
203585_at	1U	0.01	2187 <b>4</b> 3 at	10	0.02
211102 s at	1U	0.01	210458 s at	1U	0.02
213861 s at	1U	0.01	208817 <u>a</u> t	1 U	0.02
	1 U	0.01	218068 s at	1U	0.02
205773 at	10	0.01	218405 at	1U	0.02
208092 s at	1U	0.01	201478_s_at	1U	0.02
215785 s at	1 U	0.01	201587_s_at		0.02
	1U	0.01	218558_s_at	1U	0.02
	1 U	0.01	205400 at	1U	0.02
209148 at	1U	0.01	202199 s at	1U	0.02
222021_x_at	1U	0.01	209323_at	10	0.02
218530_at	10	0.01	213453_x_at	1U	0.02
213434_at 214061 at	1U	0.01	204905_s_at	1U	0.02
214061_at	10	0.01	204905_s_at 33322_i_at	1U	0.02
212078_s_at		0.01	21237 <u>2</u> at	1U	0.02
202975 <u>s</u> at	1 U	0.01	229560_at 220044_x_at 210249_s_at	1U	0.02
206700_s_at 205340_at	1 U	0.01	220044_x_at	1U	0.02
205340_at	1U	0.01	210249_s_at	10	
209690_at	10	0.01	208965 <u>s</u> at		
204889_s_at	10	0.01	202599 <u>_</u> s_at		
34858_at 201393_s_at	10	0.01	218594_at	10	
201393_s_at	10	0.01	221726_at	10	
204683_at		0.01	204890_s_at		0.02
_	1U	0.01	214143_x_at 216250 s at		0.02
212600_s_at		0.01	<b>-</b> -		0.02
219276_x_at	10	0.01	200971_s_at		
	1U	0.01	201866_s_at	10	
	1U	0.01	213666_at		0.02
	10	0.01	218117_at		0.02
235125_x_at	1U	0.01	223803_s_at		0.02
217729_s_at	1U	0.01	206011_at		0.02
34031_i_at	10	0.01	204312_x_at	1U	0.02
225976_at	1U	0.01	209088_s_at	1U	0.02
200631_s_at	10	0.01	202900_s_at	10	0.02
217266_at 217751 at	1U	0.01 0.01	209609_s_at 217733 s at	1U 1U	0.02
_	1U 1U	0.01	217733_s_at 220252 x at	1U	0.02
214508_x_at 208709 s at	10	0.01		10	
209467_s_at	10	0.01	219983_at 52164 at	10 10	0.02
209467_s_at 209544 at	10	0.01	209455 at	10	0.02
201327 s at	10	0.01	209435_at 215388 s at	10	0.02
201327_s_at 202126 at	10	0.02	213300_s_at	1U	0.02
202120_ac 203828_s_at	10	0.02	200443_s_at	10	0.02
200702 s at	10	0.02	218204_S_ac 218176 at	10	0.02
200702_s_at 201313 at	10	0.02	210176_at 220112 at	10	0.02
201313_at 218262 at	10	0.02	219299 at	10	0.02
201555 at	10	0.02	219295_at	10	0.02
201535_at 208594 x at	10	0.02	218322_s_at 219700_at	10	0.02
218871 x at	10	0.02	218967 s at	10	0.02
209248 at	10	0.02	218559 s at	10	0.02
218397 at	1U	0.02	214290 s at	10	0.02
211971 s at	10	0.02	214366 s at	10	0.02
201486 at	10	0.02	214665 s at	10	0.02
					<b></b>

213095 x at	1U	0.02	207335 x at	1U	0.02
218177_at		0.02	208246_x_at	1U	0.02
204055 s_at	10	0.02	214214_s_at	1υ	0.02
203845 at	111		202654 x at	1U	0.02
203043_ac	10				
203501_at	10	0.02	203341_at	1U	0.02
204125 at	1U	0.02	208828_at	1U	0.02
_					
211367_s_at		0.02	212550_at	1U	0.02
212252_at	1U	0.02	202355_s_at	10	0.02
210629 x at	111	0.02	214643 x at	1U	0.02
210023_1_0	1				
202510_s_at		0.02	213911_s_at		0.02
202446 s at	1U	0.02	213947 s at	1U	0.02
202545_at		0.02	212927_at		0.02
			212327_40	10	
203117_s_at 202501 at	ΤU	0.02	222995_s_at 208974_x_at	10	0.02
202501 at	1U	0.02	208974 x at	1U	0.02
206332 s at		0.02	201437_s_at	1U	0.02
206848_at	10	0.02	219696_at	10	0.02
205641_s_at	10	0.02	202139 at	1 U	0.02
305340 at	1 11		202139_at 209927_s_at 218224_at	111	
205349_at 209249 s at	10	0.02	209921_S_at	10	0.02
209249 s at	10	0.02	218224 at	1U	0.02
209048 s at	1 U	0.02	2201 <b>4</b> 6_at	1U	0.02
		0.02	217408_at	10	0.02
201666_at 201536_at	1U	0.02	225559_at 217774_s_at	1U	0.02
201536 at	111	0.02	217774 s at	1U	0.02
201311_s_at	1 77		204690 at	1.7	
		0.02	204690_at	1U	
201963 at	1U	0.02	203880 at	1U	0.02
		0.02	204639_at	1U	
201599_at 206743_s_at	1.17		204035_40	1.7	
206/43_S_at	10	0.02	203880_at 204639_at 203675_at 204137_at	1U	
203167 at	1U	0.02	204137 at	1U	0.02
218699 at	1 []	0.02	2209 <b>47</b> _s_at	111	
209435_s_at		0.02	221850_x_at		
201105 at	1U	0.02	210616 s at	1U	0.02
212719_at	1U	0.02	202306 at		
202506-54	111				
202596_at		0.02	202322_s_at		
204326_x_at	10	0.02	202168 at	1U	0.02
210105 s at	10	0.02	2020 <b>49</b> _s_at	1U	0.02
202757_at	111	0.02			
202737_ac	10		206991_s_at		
213787_s_at	10	0.02	208625_s_at	1U	0.02
201672_s_at	10	0.02	200830 at	1 U	0.02
	111	0.02	200030_s_at	1U	0.02
212138_at	10				
200838_at	10	0.02	200707_at	1U	0.02
214173 x at	1U	0.02	201300 s at	1υ	0.02
214042 s at			201281 at		0.02
209333_at	10	0.02	203309_s_at	1U	0.02
217923 at	10	0.02	213088 s at	1U	0.02
204481 at	1U	0.02	222409 at	1υ	0.02
			<del></del>		
202882_x_at	1U	0.02	209486_at	1U	0.02
212459 x at	1U	0.02	218548 x at	1U	0.02
218889 at	1U	0.02	218149_s_at	1U	0.02
203990_s_at	10	0.02	207654_x_at	1U	0.02
226639 at	10	0.02	211023 at	1U	0.02
214131 at	1U	0.02	201563 at	1υ	0.02
218164_at	10	0.02	217806_s_at	1υ	0.02
204811 s at	10	0.02	204394 at	10	0.02
214092 x at	10	0.02	224840 at	10	0.02
209111_at	10	0.02	218666_s_at	10	0.02
212245_at	1U	0.02	204699 s at	10	0.02
209522_s_at	10	0.02	206296_x_at	1υ	0.02
203302_at	10	0.02	208022_s_at	10	0.02
227627 at	10	0.02	213 <b>024</b> at	10	0.02
203420 at	10	0.02	203303 at	10	0.02
219020 <u>a</u> t	10	0.02	2027 <b>64</b> _at	10	0.02
218684 at	1U	0.02	200036 s at	1U	0.02
202484 s at	10	0.02	204109 s at	10	0.02
213357_at	10	0.02	218160_at	1U	0.02

221081_s_at			200039_s_at		0.02
222493_s_at	1U	0.02	218610_s_at		0.02
206734_at	1U	0.02	204805_s_at	1U	0.02
217850 <u>a</u> t	1U	0.02	220710_at	1U	0.02
208448 x at	1U	0.02	225059 at	1U	0.02
212837_at	1U.	0.02	225059_at 34210 at	1U	0.02
208673 s_at	1U	0.02	201 <b>4</b> 77_s_at	1U	0.02
207842 s at		0.02	201008 s at		0.02
218523_at			203907_s_at		0.02
218212 s at	10	0.02	217887 s at		0.02
203579 s at			202892_at	1U	0.02
214783 s at			234423 x at	1U	0.02
211710_x_at			35156_at		0.02
200963_x_at			200799 at	10	0.02
235032 at	10	0.02	20079 <mark>9</mark> _at 20 <b>4220</b> _at 205 <b>42</b> 3_at	117	0.02
203429 s at	111	0.02	205423_at	111	0.02
201003 x at			201897_s_at	111	0.02
201003_ <u>k_</u> ut 208772_at			215706_x_at	1U	0.02
200772_ac	111	0.02	209014 at	111	0.02
201994_at 213738_s_at	111	0.02	209014_at 211951_at	117	0.02
209085 x at	111	0.02	211931_at 201071_x_at	10	0.02
219734 at			2010/1_x_at 203143_s_at	1U	0.02
			203143_8_at	10	0.02
202649_x_at 225403_at	10	0.02	211729_x_at - 219231_at	10	0.02
225403_at 219623 at	10	0.02	219231_at 204417_at	10	
			20441/_at	10	0.02
203685_at			211794_at 214513_s_at 227467_at 223031_s_at	1U	0.02
213969_x_at	10	0.02	214513_s_at	10	0.02
219002_at 201342_at	10	0.02	22/46/_at	10	0.02
201342_at	10	0.02	223031_s_at	10	0.02
218526_s_at			62212_at	10	
221219_s_at	10	0.02	224480_s_at	10	
204857_at 212014_x_at	10	0.02	224480_s_at 47571_at 200761_s_at	10	
			200761_s_at	1U	
212363_x_at		0.02	205004_at		
217793_at		0.02	201023_at	10	
220521_s_at	10	0.02	218501_at 200881_s_at	10	
210633 <u>x</u> at	10	0.02	200881_s_at	1U	
204706_at			212659_s_at	10	0.02
207907_at	10	0.02	201922_at 209406_at 212522_at	1U	0.02
222774_s_at 216537 s at	1U	0.02	209406_at	10	0.02
			212522_at	1U	0.02
204662_at	10		202662_s_at	10	0.02
201326_at	1U	0.02	218079_s_at	10	0.02
221476_s_at	10	0.02	218403_at	10	0.02
232720 <u>  at</u>	1U	0.02	206113_s_at	1ΰ	0.02
200955_at	10	0.02	235568_at	1υ	0.02
213153_at	1U	0.02	2050 <b>26_</b> at	1U	0.02
53720_at	1U	0.02	208674_x_at	1U	0.02
212566_at	10	0.02	202678_at	10	0.02
212460 at	10	0.02	218023 s at	1U	0.02
33646 <u>g</u> _at	10	0.02	208684 at	1U	0.02
200786 at	10	0.02	215947_s at	1U	
	1U	0.02	200000_s_at	10	0.02
	1U	0.02	213149 at	10	0.02
221711 s at	10	0.02	203449 s at	10	
209331 s at	10	0.02	57539 at	10	
220336_s_at	10	0.02	91816 f at	10	0.02
207892_at	10	0.02	218750_at	10	
209434 s at	10	0.02	219282 s at	10	
218240 at	1U	0.02	218817 at	1U	
202125_s_at	10	0.02	213915 at	1U	
218521 s at	10	0.02	213315_at 213262 at	10	
218310 at	10	0.02	212398 at	10	
201209 at	10	0.02	212336_at		0.02
- V - E V / _ G L	10	0.02	213773_3_46	10	

212004 a a+	1U	0.02	217766	1 11	0 00
212804_s_at			217766_s_at	10	0.02
212314_at	10	0.02	202402_s_at	1U	0.02
$214/21 \times at$	ΤU	0.02	205178_s_at	1U	0.02
213104_at	1U	0.02	208900 s at	10	0.02
214791 at	1U	0.02	208863_s_at	10	0.02
213906_at		0.02	218098 at	111	0.02
212124 4 2+	111		218098_at 218203_at 202544_at 213218_at	1.77	
213134_x_at 218238 at	10	0.02	2182U3_at	10	0.02
		0.02	202544_at	10	0.02
217928_s_at	10	0.02	213218_at	10	0.02
215193 x at	1U	0.02	222199_s_at	1U	0.02
	10	0.02	219281 <u>a</u> t	1U	0.02
	1U	0.02	207000_s_at	111	0.02
204490 s at	1U	0.02	207000_S_ac	10	
			219470_x_at	10	0.02
	1U	0.02	200620_at	10	0.02
204020_at	1U	0.02	227466_at	10	0.02
204828_at 204837_at 204061_at	1U	0.02	212880_at 202370_s_at 203432_at 212982_at	10	0.02
204837 at	1U	0.02	202370 s at	111	0.02
204061 at	1 []	0.02	203432 at	111	0.02
204060_s_at	117	0.02	212002 24	117	0.02
			212902_at	10	0.02
220684_at	10	0.02	91 <b>9</b> 52_at	10	0.02
221985_at 221203_s_at	10	0.02	218729_at	1U	0.02
221203_s_at	1U	0.02	219 <b>679</b> s at	1U	0.02
220547 s at	1U	0.02	218729_at 219679_s_at 212380_at	10	0.02
222024_s_at		0.02	217909_s_at	111	0.02
		0.02			0.02
222058_at	10		204346_s_at	10	
209534_x_at			220646_s_at		0.02
202301_s_at			211685_s_at		0.02
202166_s_at	10		211 <b>251</b> _x_at		0.02
202822_at	10	0.02	202771_at	10	0.02
202265 at	10	0.02	207389 at	1U	
202136 at	111	0.02	207389_at 201959_s_at	1U	
202548 s at		0.02	201229 s at	10	
203217_s_at		0.02	202000_at	1U	0.02
205437_at			201824_at 220466_at	1U	0.02
	1U	0.02	220466_at	1U	0.02
205401 at	1U	0.02	218676_s_at	1U	0.02
205022 s at	1U	0.02	202687 s at		0.02
	1υ	0.02	201605_x_at	1U	0.02
209146 at		0.02	201745 at		0.02
208875 s at		0.02	201745_at 204403_x_at	10	
					0.02
200021_at		0.02	221653_x_at		0.02
1405_i_at	10	0.02	210010_s_at	10	0.02
201439_at	1U	0.02	206031 s at	1U	0.02
200982 s at	1U	0.02	213552 at	1U	0.02
201711 x at	1U	0.02	218421 at	10	0.02
201992_s_at	1U	0.02	40189 at	1U	0.02
201548 s at	1U	0.02	209107_x_at	10	
			209107_X_at		0.02
211085_s_at	10	0.02	220553_s_at	10	0.02
204617_s_at	10	0.02	203136_at	1U	0.02
202057_at	1U	0.02	208753 s at	1U	0.02
203855_at	1U	0.02	200980_s_at	10	0.02
200945 s at	1U	0.02	213043 s at	1U	0.02
201013 s at	10	0.02	218599 at	1U	0.02
212264 s at	10	0.02	219472 at		
			<del>-</del>	10	0.02
205763_s_at	10	0.02	219485_s_at	10	0.02
201698_s_at	10	0.02	218734_at	1U	0.02
200731_s_at	10	0.02	218533_s_at	10	0.02
201742 x at	1U	0.02	212916 at	1U	0.02
203551 s at	10	0.02	212737 at	10	0.02
201812_s_at	1U	0.02	218072_at	1U	0.02
			210072_dt		
216903_s_at	1U	0.02	217388_s_at	10	0.02
214672_at	10	0.02	204480_s_at	1U	0.02
202333_s_at	10	0.02	203974_at	10	0.02
217800_s_at	1υ	0.02	203538_at	10	0.02
_			<del>-</del>		

203611_at	1U	0.02	21 <b>45</b> 00_at	1U	0.02
204640_s_at	111		212616 at	10	
204224_s_at	1U	0.02	212616_at 214084_x_at	117	0.02
204715 at	111	0.02	214004_X_at	1U	
			217827_s_at		0.02
203879_at		0.02	217882_at		
222217_s_at	10	0.02	217931 <u>_</u> at	1U	0.02
209510_at 209579_s_at	10	0.02	218268_at	10	0.02
		0.02	218268_at 218370_s_at	10	0.02
202556_s_at	1U	0.02	204566_at	1U	0.02
202087 s at		0.02	20 <b>4</b> 565_at	10	0.02
202680 <u>at</u>	1U	0.02	203923_s_at		0.02
206845 s at	1U	0.02	203856 at	1U	0.02
206553 at	1U	0.02	203856_at 204207_s_at	10	0.02
209375 at	1U	0.02	220784_s_at	10	0.02
208857_s_at		0.02	221012 s at		
201446 s at	10		210981_s_at		0.02
201446_s_at 201202_at	1U	0.02	209512 at	10	
201019 s at	1 []	0.02	209512_at 202708_s_at	111	0.02
201938 at		0.02	202377 at	10	
201106_at		0.02	202978_s_at		
217106 x at	111	0.02	203169 a+	10	
217106_x_at 201619_at	111	0.02	203169_at 202869_at	1U	
207610 s at		0.02	202005_ac 203236_s_at	10	
206965 at		0.02	203230_5_at	10	
			202492_at	10	
202246_s_at 204391_x_at	10	0.02	206682_at	1U	
204391_X_at	10	0.02	205639_at 204961_s_at	10	0.02
39248_at		0.02			
217937_s_at	10	0.02	205936_s_at		
218285_s_at		0.02	209201_x_at	10	0.02
204151_x_at		0.02	208855_s_at		
204355_at		0.02	208785_s_at		
220966_x_at		0.02	208780_x_at		
206655_s_at		0.02	200811_at	10	
201388_at		0.02	200950_at 201651_s_at	10	0.02
208454_s_at		0.02	201651_s_at	10	0.02
	10	0.02	201432_at		
212543_at	10	0.02	200882_s_at		
204131_s_at		0.02	218250_s_at		
211202_s_at		0.02	2025 <b>82_</b> s_at	10	
	1U	0.02		1U	0.02
	1U	0.02	225612_s_at	1U	0.02
221622_s_at	1U	0.02	20285 <b>4</b> _at	10	0.02
219193_at	1U	0.02	218555_at	10	0.02
201343_at	1U	0.02	210449_x_at	10	0.02
212885_at	1U	0.02	212101_at	10	0.02
218553_s_at	1U	0.02	206267_s_at	1U	0.02
219669_at	1U	0.02	201633_s_at	10	0.02
202151_s_at	1U	0.02	215127 s at	10	0.02
207723_s_at	1U	0.02	209734 at	1U	0.02
200616_s_at	1U	0.02	239835 at	10	0.02
211417_x_at	1U	0.02	219133 at	1 U	0.02
221899 at	1U	0.02	218875 s at	10	0.02
203356 at	1U	0.02	203405 at	10	0.02
217736 s at	1U	0.02	201097 s at	10	0.02
219648 at	1U	0.02	217812 at	10	0.02
213291 s at	1U	0.02	211969 at	10	0.02
218217 at	10	0.02	201575 at	10	0.02
211009 s at	10	0.02	219862 s at	10	0.02
212636 at	1U	0.02	211733 x at	10	0.02
212696_s_at	1U	0.02	203275 at	10	0.02
218718 at	1U	0.02	213954 at	10	0.02
218496 at	10	0.02	231579 s at	10	0.02
219678 x at	10	0.02	208438 s at	10	0.02
212789 at	1U	0.02	200436_S_at	10 10	0.02
212,05_ac	10	0.02	201230_S_at	Τ0	0.02

209765_at	1U	0.02	205356_at	1U	0.02
202797 at	1U	0.02	203291 at	1U	0.02
202497_x_at	1U	0.02	218571_s_at	10	0.02
223115 at	10	0.02	208012 x at	1U	0.02
218888_s_at	10	0.02	21 <b>4427</b> at		0.02
211919 s at	1 (1	0.02	219567 <sup>-</sup> s at	1U	0.02
219043 s at	1U	0.02	221864 at	1U	0.02
218615 s at	1υ	0.02	205596_s_at	1U	0.02
218650_at			208485 x at	1U	0.02
203466 <u>a</u> t		0.02	207253 s at		0.02
220232 at	10	0.02	201258 at	1U	0.02
220232_at 219762_s_at	1U	0.02	201258_at 202642_s_at	10	0.02
219226 at	1U	0.02	212008_at	10	
205715_at	10	0.02	200 <b>042</b> at	10	0.02
207674 at	10	0.02	228176_at	1U	0.02
207674_at 213009_s_at 38964_r_at	10	0.02	202102 s at	1U	0.02
38964 r at	10	0.02	202102_s_at 219190_s_at	1U	0.02
207559_s_at	1U	0.02	2017 <b>4</b> 0_at	1U	0.02
211330 s at	1U	0.02	220248 x at	1U	0.02
212320_at 214220_s_at	1U	0.02	219673_at		0.02
214220 s at	1U	0.02	209003 at	1U	0.02
211271 x at	10	0.02	201443_s_at	1U	0.02
211938 at	1U	0.02	221193 s at	1υ	0.02
202523_s_at	1U	0.02	204616_at	1U	0.02
202523_s_at 215838_at 219435_at	10	0.02	208676_s_at 202477_s_at	1U	0.02
219435_at	1U	0.02	202477 s at	1U	0.03
211975 at	10	0.02	206431_x_at	1U	0.03
201692_at 218668_s_at 217967_s_at	10	0.02	209881_s_at	1U	0.03
218668_s_at	10	0.02	211771_s_at	1U	0.03
217967_s_at	10	0.02	220038_at	1U	0.03
200663_at	10	0.02	20 <b>6724</b> _at	1U	0.03
51228_at	10	0.02	219878_s_at		0.03
220307_at 212520_s_at	1U	0.02	206167_s_at		0.03
212520_s_at	10	0.02	20893 <b>4</b> _s_at		0.03
212291_at			201182_s_at		0.03
217216_x_at		0.02	200896_x_at		0.03
203981_s_at 201085 s at	10	0.02	223502_s_at		0.03
201085_s_at	10	0.02	211946_s_at	10	0.03
201462_at		0.02	205842_s_at	1U	0.03
201669_s_at		0.02	206098_at		0.03
202431_s_at		0.02	221763_at	10	0.03
207831_x_at	1U	0.02	231777_at	10	0.03
201867_s_at	1U	0.02	218184_at	10	0.03
207573_x_at	1U	0.02	208797_s_at	1U	0.03
203079_s_at	1U	0.02	201634_s_at	1U	0.03
208089_s_at 212238 at	1U 1U	0.02	217848_s_at 200705_s_at	1U	0.03
201780 s at	1U	0.02	200703_S_at 225651 at	1U	0.03
201780_s_at 224187 x at	1U	0.02	223631_at 208289 s at	1U	0.03
203480 s at	10	0.02	<del>-</del> -	10	0.03
213414 s at	10	0.02	215165_x_at 225524 at	1U	0.03
228355 s at	10	0.02	63009 at	1U 1U	0.03 0.03
235896 s at	10	0.02	202185 at	10	0.03
218905 at	10	0.02	202163_at 221681 s at	1U	0.03
218905_at 207605_x_at	10	0.02	221661_S_at 218902_at	1U	0.03
207803_x_ac 209382 at	10	0.02	218902_at 203182 s at	1U	0.03
209362_at 200747 s at	10	0.02	2031 <b>62_</b> S_at 202630 at	10	0.03
212955 s at	10	0.02	202630_at 212995 x at	10 10	0.03
212955_S_at 212862 at	10	0.02	212995_x_at 205548 s at	1U	
209780_at	10	0.02	203346_S_at 65493 at	1U	0.03 0.03
209780_at 225744 at	10	0.02	219534 x at	1U	0.03
202499 s at	10	0.02	219334_X_at 214866 at	10	0.03
202499_s_at 204361 s at	10	0.02	214000_at 204547 at	10	0.03
212570 at	10	0.02	204347_at 221758 at	10	0.03
-12370_ac	10	0.02	221130_at	10	0.03

218735_s_at	1U	0.03	2029 <b>4</b> 7_s_at	1U	0.03
212220_at		0.03	204669_s_at	1U	0.03
212063_at	1U	0.03	202720_at	1U	0.03
203264_s_at	1U	0.03	212988_x_at		0.03
207122 <u>x</u> at	1U	0.03	204385_at	1U	0.03
211984_at	1U	0.03	201593 s at	1U	0.03
209798_at	1U	0.03	208094 s at	1U	0.03
214688 at	1U	0.03	209667 at	1U	0.03
223236_at	1U	0.03	200094 s at	1U	0.03
209057_x_at 208369_s_at	1U	0.03	218354_at	1U	0.03
208369 s at	10	0.03	207513 s at	10	0.03
224918 x at	1U	0.03	203272 <u>s</u> at	1U	0.03
202746_at	1 U	0.03	2009 <b>4</b> 7 s at	1U	0.03
203395 s at	1U	0.03	201165 s at	1U	0.03
220566 at	1U	0.03	201365 at	1U	0.03
220566_at 220050_at	10	0.03	203526 s at	1U	0.03
208424 s at	1U	0.03	218936 s at	1U	0.03
203152 at	1U	0.03	209189 at		0.03
205016_at	1U	0.03	202803 <u>_</u> s_at		0.03
219325_s_at	1U	0.03	210406 s at	1U	0.03
200024 at	1U	0.03	22 <b>4</b> 991 at	1υ	0.03
207564 x at	1U	0.03	217094 s at	1U	0.03
211663_x_at	1U	0.03	222077_s_at	1U	0.03
200718 s at	1U	0.03	203351 s at	1U	0.03
206044 s at	1U	0.03	226394 at	1U	0.03
225693 s at	10	0.03	20 <b>4977</b> at	1U	0.03
226564_at	1U	0.03	200072 <u></u> s_at		0.03
211787_s_at	1U	0.03	200921 s at	1U	0.03
211952 at	1U	0.03	205036 at		0.03
213080 x at	1U	0.03	203428 s at		0.03
213018_at	1U	0.03	218078 s at		0.03
218545_at	1U	0.03	218146_at	1U	0.03
200007 at	10	0.03	225390 s at	1U	0.03
201637 <u>s</u> at	1U	0.03	201507_at	1U	0.03
201377_at		0.03	202710 at	1U	0.03
200693 <u>a</u> t	1U	0.03	225434_at	1U	0.03
218680_x_at	1U	0.03	221430 s at	1U	0.03
219392_x_at	1U	0.03	212231_at	1U	0.03
212774_at	10	0.03	223440_at	1U	0.03
212655_at	1U	0.03	201134_x_at	1U	0.03
217854_s_at	1U	0.03	203109_at	1U	0.03
203905_at	1U	0.03	202106_at	10	0.03
220485_s_at	10	0.03	208845_at	10	0.03
212102_s_at	10	0.03	212674_s_at	1U	0.03
202703_at	1U	0.03	207319_s_at	10	0.03
203022_at	10	0.03	207075_at	10	0.03
203157_s_at	1U	0.03	219022_at	10	0.03
202532_s_at	1U	0.03	22 <b>2</b> 93 <b>4</b> _s_at	10	0.03
208103_s_at	1U	0.03	225050_at	10	0.03
208730_x_at	1U	0.03	202991_at	10	0.03
201060_x_at	1U	0.03	213977_s_at	10	0.03
201541_s_at	10	0.03	202794_at	1U	0.03
221452_s_at	1 U	0.03	200873_s_at	10	0.03
32069_at	1U	0.03	220071_x_at	1U	0.03
218673_s_at	1U	0.03	208911 <u>s</u> at	10	0.03
212099_at	10	0.03	207038_at	10	0.03
205250_s_at	1U	0.03	49329_at	1U	0.03
205126_at	10	0.03	218085_at	10	0.03
219520_s_at	10	0.03	204838_s_at	10	0.03
203909_at	1U	0.03	206693_at	10	0.03
219489_s_at	10	0.03	202971_s_at	1U	0.03
212348_s_at	10	0.03	200694_s_at	10	0.03
212384_at	10	0.03	200869_at	10	0.03
210254_at	10	0.03	212973_at	10	0.03

203546_at	1U	0.03	212918 at	1U	0.03
205443 at	10		214315 x at	10	0.03
236133_x_at		0.03	212539 at		0.03
227445 at		0.03	212777_at		0.03
	10	0.03	212772_s_at	10	0.03
	10	0.03	212886_at		0.03
204858 s at		0.03	214697_s_at		0.03
204751 x at		0.03	216526 x at	10	0.03
204523 at		0.03	217732 s at		0.03
218050_at		0.03	218167 at		0.03
203362 s at		0.03	216231_s_at		0.03
213373 s at			218331 s at	1U	0.03
219528 s at	10	0.03	217987_at	10	0.03
207460 at			217906 at	10	0.03
205934_at		0.03	218143_s_at		0.03
227157 at	1U		218041 x at	1U	0.03
227157_at 220035_at	1U	0.03	218041_x_at 218263_s_at	1U	0.03
204408 at	1U	0.03	218152 at	1U	0.03
202070 s at	1U	0.03	218422 s at		0.03
212646_at		0.03	215111_s_at		0.03
213185 at	1U		203338 at	10	0.03
218478 s at	1U		203338_at 204698_at	10	0.03
200051 at	1υ		204081 at	10	
204622 <u>x</u> at		0.03	203817 at	1U	0.03
210193 at	1U	0.03	203817_at 220607_x_at 221080_s_at	10	0.03
210193_at 209627_s_at	1U	0.03	221080 s at	10	0.03
201454_s_at			221750 at	1U	0.03
221156_x_at	10	0.03	220580 at	1U	0.03
205255 <u>x</u> at 205245 <u>a</u> t	1U	0.03	220941 <u>s</u> at 222108_at	10	0.03
205245_at	1U	0.03	222108_at	1U	0.03
91684 <u>g</u> at	1U	0.03	221211_s_at	10	0.03
204297_at			209903_s_at		0.03
204946_s_at	1U	0.03	212237_at	1U	0.03
213400_s_at	1U	0.03	209741_x_at	1U	0.03
209795_at			212087_s_at	10	0.03
218999_at		0.03	210715_s_at	1U	0.03
211954_s_at		0.03	209835_x_at		0.03
214007_s_at			210285_x_at	10	0.03
202737_s_at	10	0.03	209839_at		0.03
201838_s_at	1U	0.03	211883_x_at		0.03
204291_at		0.03	210396_s_at	10	0.03
216252_x_at	1U	0.03	212037_at	1U	0.03
211025_x_at	1U	0.03	209791_at	1U	0.03
220255_at 214306 at	1U	0.03	210389_x_at	10	0.03
47069 at	1U 1U	0.03	202787_s_at	10	0.03
51200 at	10	0.03	202118_s_at 205214 at	1U 1U	0.03
74694 s at	10	0.03	205214_at 205081 at		
219186 at	1U	0.03	203081_at 206478 at	1U 1U	0.03
219334 s at	1U	0.03	200476_at 207446 at	1U	0.03
219303 at	1U	0.03	207440_at 205042 at	1U	0.03
218607 s at	10	0.03	205684 s at	10	0.03
219574 at	1U	0.03	206323 x at	1U	0.03
218518_at	1U	0.03	206323_x_at 206493 at	1U	0.03
219802_at	1U	0.03	200435_ac 207435 s at	1U	0.03
218517 at	10	0.03	207433_s_at 206492 at	1U	0.03
212538 at	10	0.03	200432_ac 208997 s at	1U	0.03
212720 at	1U	0.03	207856 s at	10	0.03
214974 x at	1U	0.03	207665 at	1U	0.03
212869 x at	1U	0.03	209379 s at	1U	0.03
214246 x at	10	0.03	207724 s at	1U	0.03
214455 at	10	0.03	208619 at	1U	0.03
212514 x at	1U	0.03	207651 at	10	0.03
212692 s at	1U	0.03	200060 s at	1U	0.03
			<b></b>		

200801_x_at	1U	0.03	205627 2+	1 11	0.03
200601_X_at	10		205627_at		
200610_s_at 200058_s_at	10	0.03	208893_s_at	10	
200058_s_at	10	0.03	209005_at 201574_at	1U	
200722_s_at	1υ	0.03	201574 at	1U	0.03
121 at		0.03	201556_s_at		0.03
$201\overline{0}92$ at		0.03	210912 x at		0.03
		0.03			0.03
201720_s_at 201858_s_at	10		200893_at	10	
201858_s_at	10	0.03	221652_s_at		0.03
200889_s_at			212414_s_at	1U	0.03
201545 s at	1U	0.03	217966 s at	1U	0.03
201001_s_at	1U	0.03	208716_s_at	1U	0.03
201888 s at	7.11		207598 x at	1U	0.03
201888_s_at 201299_s_at	111	0.03	207598 <u>x</u> at 227937_at	1U	
201299_S_at	10	0.03	227937_dt	10	
201458_s_at			202165_at	10	0.03
200890_s_at	10	0.03	223158_s_at		0.03
201565_s_at 200681_at 201714_at	1U	0.03	201 <b>216_</b> at	1U	0.03
200681 at	1U	0.03	207338 s at	1U	0.03
201714 at	111	0.03	207338_s_at 203364_s_at	1U	0.03
225255_at	111	0.03	215967 s at	1U	0.03
223233_ac	10	0.03			
228949_at	10	0.03	203277_at	10	0.03
201178_at	10	0.03	203281_s_at	10	0.03
228949_at 201178_at 218846_at	1U	0.03	203281_s_at 203711_s_at	1U	0.03
211961 s at	1 U	0.03	202780_at	1U	0.03
222133_s_at			20723 <b>4</b> at	1 U	0.03
217755 at	111	0.03	206507_at	111	0.03
217755_at 212453_at 55872_at	111	0.03	206507_at 2032 <b>4</b> 7_s_at 210057_at	111	
212453_at	10	0.03	203241_S_at	10	0.03
55872_at	10	0.03	210057_at	10	
21924 <mark>8</mark> _at			212240 <u>_</u> s_at		0.03
218733_at	1U	0.03	217985_s_at	10	0.03
220054_at 212842_x_at	1U	0.03	218491_s_at 204053_x_at	1U	0.03
$212842 \times at$	111	0.03	204053 x at	111	0.03
212702_s_at	111	0.03	220046_s_at	1U	
213875_x_at		0.03	219694_at	10	0.03
214585_s_at 216274_s_at	ΤÜ	0.03	214431_at 202868_s_at 223922_x_at	1U	0.03
216274_s_at	10	0.03	202868_s_at	1U	0.03
216338_s_at	1U	0.03	2239 <b>22</b> x at	1U	0.03
217781 s at	1U	0.03	218911 at	10	0.03
217739_s_at	1U	0.03	210988 s at	10	0.03
215100 at	111	0.03	210988_s_at 35671_at 219667_s_at	10	0.03
215100_at 217885_at	117	0.03	219667 8 3+	1U	0.03
217883_at 218004 at	1.77	0.03	219007_S_at	10	
		0.03	219757_s_at		0.03
216977_x_at		0.03	21 <b>3524_</b> s_at		0.03
218021_at	1U	0.03	218100_s_at	1U	0.03
218259 at	10	0.03	218122 s at	1U	0.03
217418 x at	10	0.03	217888 s at	1U	0.03
218011 at	1U	0.03	203864_s_at	1υ	0.03
216060_s_at	10	0.03	203742_s_at	10	0.03
218400 at	1U	0.03	221708 s at	10	
					0.03
203613_s_at	10	0.03	212004_at	10	0.03
203615_x_at	10	0.03	209626_s_at	10	0.03
212194_s_at	10	0.03	212139_at	1U	0.03
211152_s_at	10	0.03	205297_s_at	10	0.03
211940 x at	1U	0.03	206782 s at	1U	0.03
209724 s at	10	0.03	206567 s at	10	0.03
<b>-</b> -		0.03	201511 at		
209970_x_at	10			10	0.03
202974_at	10	0.03	201748_s_at	10	0.03
202379_s_at	10	0.03	203042_at	10	0.03
202192_s_at	10	0.03	205353 <u>s</u> at	10	0.03
202086 at	10	0.03	2088 <b>04</b> _s_at	10	0.03
202084 s at	10	0.03	213708 s at	1U	0.03
202558_s_at	1U	0.03	218394 at	10	0.03
202336_s_at 202761 s at	10	0.03	210394_at 210081 at		
				1U	0.03
204908_s_at	10	0.03	203039_s_at	1U	0.03
205786_s_at	10	0.03	215832_x_at	10	0.03

016060+	1	0 00	000007	2	0 00
216262_s_at	1U	0.03	202807_s_at	1U	0.03
210424 s at	1U	0.03	204968_at	1U	0.03
	1U	0.03	210028 s at	1U	0.03
	1U	0.03	209984_at		0.03
218633 x at	1U	0.03	202041 s at	1U	0.03
	1U	0.03	202176 at		0.03
212300_ac					
	1U	0.03	209928_s_at	1U	0.03
214835 s at	1U	0.03	203064 s at	1U	0.03
	1U	0.03	222311 s at		0.03
			<del></del>		
	1U	0.03	200002_at		0.03
203448 s at	1U	0.03	202536 <u>a</u> t	10	0.03
200655 s at	1U	0.03	204639 2+	1U	0.03
			204638_at 217826_s at	10	
212286_at		0.03	217826_s_at	1U	0.03
201526 at	1U	0.03	212689_s_at	1U	0.03
201382 at		0.03	217356 s at	10	0.03
218949_s_at	10	0.03	209188_x_at	1U	0.03
223376 s at	1U	0.03	209203 s at	1U	0.03
230026 at	111	0.03	200797 s at	10	0.03
220032 <u>a</u> t			201464 <u>_</u> x_at	1U	0.03
212168_at	10	0.03	· 222489 s at	1U	0.03
212647 at	111	0.03	203278_s_at	1U	0.03
212647_at 204453_at	1 11		203270_3_ac		
204453_at	ΤÜ	0.03	200858_s_at	1U	0.03
222708_s_at	1U	0.03	203044 at	1U	0.03
202566 s at		0.03	217750 s at		0.03
203602_s_at	10	0.03	214525_x_at		0.03
219849_at		0.03	215236 s at	1U	0.03
219868 s at	1U	0.03	206049 at	1U	0.03
217957 at		0.03	205212 s at		0.03
205672_at	10	0.03	205718_at	1U	0.03
202223_at 212785_s_at	1U	0.03	203659 <u>s</u> at 202371_at 209438_at	1U	0.03
212785 s at	111	0.03	202371 at	1U	0.03
212703_5_40			202371_ac	10	
213515_x_at	10	0.03	209430_at	10	
218288 s at	1 U	0.03	204 <b>4</b> 01_at	1U	0.03
216547 at	1 []	0.03	208880 s at	1U	0.03
216547_at 215313_x_at	111	0.03	225641 at		
213313_x_at	10				0.03
	1U	0.03	218602_s_at	1U	0.03
203311 s at	1U	0.03	218993_at	1U	0.03
		0.03	238462 at	1U	0.03
	10		238462_at 212750_at 210117_at	10	
212227_x_at	10	0.03	212750_at	1U	0.03
211061 s at	1U	0.03	210117 at	1U	0.03
211537 x at	1U	0.03	205116 at	1U	0.03
209628_at	1U	0.03	205362_s_at	1U	0.03
202249_s_at	1U	0.03	203860 at	1U	0.03
205269 at	10	0.03	214170 x at	1U	0.03
209192 x at	1U	0.03	218253 s at		
				10	0.03
208149_x_at	1U	0.03	200670_at	1U	0.03
209155 s at	1U	0.03	210004 at	1 U	0.03
208649 s at	1U	0.03	219541 at	10	0.03
200651_at	10	0.03	213843_x_at	10	0.03
200845 s at	1U	0.03	220905 at	1U	0.03
200828_s_at	10	0.03	207554 x at	10	0.03
201339_s_at	10	0.03	218150_at	1U	0.03
201928_at	10	0.03	210775 x at	1U	0.03
201956_s_at	10	0.03	211063 s at	10	0.03
202923_s_at	10	0.03	202602_s_at	10	0.03
218527_at	10	0.03	218997_at	1U	0.03
214606 at	10	0.03	217726 at	1U	0.03
211501 s at					
	10	0.03	202074_s_at	1U	0.03
218476_at	1U	0.03	218340_s_at	1U	0.03
202060 at	1U	0.03	208598 s at	1U	0.03
201225 s at	10	0.03	202874 s at	1U	0.03
213995_at	1υ	0.03	218487_at	1U	0.03
204847 at	1υ	0.03	202167 s at	1U	0.03
204274 at	10	0.03	217738 at	1U	0.03
u-		5.55	21//30_00	- 0	5.55

219972_s_at	10	0.03	203476 at	1U	0.04
201873 s at					
2016/3_S_aL	10		201608_s_at	10	0.04
204614_at	10		217941_s_at		0.04
20123/_at	ΤÜ	0.03	212953_x_at		0.04
211583 x at	1U	0.03	217491 x at	1υ	0.04
219917_at	1 U	0.03	211339 s at	1U	0.04
221649 s at	1 []	0.03	212502 at	1U	0.04
221649_s_at 201594_s_at	111	0.03	202116 at	1U	
221803_s_at	111	0.03	212502_at 202116_at 38671_at	10	
			300/1_at	10	
35201_at		0.03	203203_s_at		
222229_x_at		0.03	218307_at	10	0.04
203935_at	10	0.03	32811_at	1U	0.04
201227_s_at	1U	0.03	203046 s at	1U	
219097 x at	1U	0.03	224374 <u>_</u> s_at	1U	0.04
202266_at	1U	0.03	219698 s at		
212594 at	1U	0.03	217759_at		
212594_at 201027_s_at	111	0.03	238010 at	1U	
202009 at	111	0.03	238010_at 50221_at	111	0.04
212533 at			204804 at	10	
					0.04
218191_s_at	10	0.03	203202_at	10	
224196_x_at 209175_at	ΙÜ	0.03	220330_s_at 207596_at	10	0.04
209175_at	10	0.03	207596_at	1U	0.04
205308_at			211678_s_at	10	0.04
219854_at	1 U	0.03	203701 s at		0.04
212742_at 231736 x at	10	0.03	212487_at		0.04
231736 x at	10	0.03	217744 s at		0.04
201606 s at	111	0.03	206571 s at		0.04
214224 s at		0.03	228234 at		0.04
221514 at	111				
221514_at 205603_s_at	111	0.03	201154_x_at		0.04
212610 at	10		206918_s_at	10	0.04
		0.03	224622_at		
217499_x_at		0.04	220643_s_at		
20 <b>4</b> 352_at		0.04	208703_s_at	1U	0.04
204184_s_at	10	0.04	219895_at	10	0.04
222115_x_at		0.04	203060 s at	1U	0.04
207351 s at	1U	0.04	212877_at	1U	0.04
208452 x at	1U	0.04	212958 x at		0.04
			217983_s_at		0.04
201050_at 220999_s at	1 U	0.04	202739 s at		0.04
212773_s_at	111	0.04	200057_s_at	1U	0.04
202032 s at	1U	0.04	219386 s at	10	0.04
201041 s at	1U	0.04			
			204021_s_at	1U	0.04
200082_s_at	10	0.04	201189_s_at	10	0.04
203648_at	10	0.04	209421_at	10	0.04
200842_s_at	1U	0.04	201600_at	1U	0.04
211911_x_at		0.04	201925_s_at	1U	0.04
212457_at	10	0.04	223674_s_at	1U	0.04
210771_at	1U	0.04	222496 s at	10	0.04
201854 s at	1U	0.04	32091 at	10	0.04
222757 s at	1U	0.04	$20704\overline{1}$ at	10	0.04
207549_x_at	1υ	0.04	55065 at	10	0.04
227598 at	10	0.04	210097_s_at	10	0.04
210195 s at	1U	0.04			0.04
219122 s at			220969_s_at	10	
	1U	0.04	222064_s_at	10	0.04
212660_at	10	0.04	201876_at	10	0.04
201459_at	10	0.04	201112_s_at	10	0.04
202114_at	1 U	0.04	211955_at	1U	0.04
218628_at	10	0.04	229054_at	1U	0.04
203692_s_at	1U	0.04	211084_x_at	1U	0.04
215719_x_at	10	0.04	218128 at	10	0.04
202113 s at	10	0.04	200013 at	10	0.04
219165 at	10	0.04	221839 s at	1U	0.04
203434 s at	10	0.04	201471 s at	1U	0.04
213062 at	1U	0.04	201471_5_ac 224651 at	10	0.04
ac	10	0.04	224031_at	10	0.04

205005 s at	1U	0.04	203033 x at	1U	0.04
200734_s_at	1U	0.04	202722 s at	10	0.04
	10	0.04			
209310_s_at			202000_0_40		0.04
207556_s_at	1U	0.04	206061 s at	1U	0.04
223043 at	1U	0.04	20 <b>4</b> 972 at	1U	0.04
223402 at		0.04	208325_s_at		0.04
221190_s_at	10	0.04	208669 s at	1U	0.04
219941 at	1U	0.04	200689 x at	1U	0.04
203793 x at	1U	0.04	201735 s at		0.04
204383_at		0.04	200932_s_at		0.04
205511 at	1U	0.04	201807 at	1U	0.04
206132 <u> </u>	1U	0.04	223915_at	1U	0.04
207509 s at		0.04			
			213446_s_at	1U	0.04
215726_s_at	10	0.04	201087_at	1U	0.04
203655 at	1U	0.04	207 <b>408</b> _at	1U	0.04
204652 <u>s</u> at	1U	0.04	218685 s at	1U	0.04
205260_s_at	1U	0.04	201953_at		0.04
221925_s_at	1U	0.04	217933 s at	1U	0.04
212718 at	1U	0.04	213501 at	10	0.04
<del>-</del>	10	0.04	213160 at	10	0.04
208114_s_at	10	0.04	201798_s_at		0.04
202713_s_at	1U	0.04	22 <b>3216</b> x at	1U	0.04
203457 at	10	0.04	201778 s at	10	
205078 at		0.04	<del></del>		
			218539_at		
218552_at		0.04	215990_s_at	10	0.04
203970_s_at 211687_x_at	1U	0.04	206445 s at	1U	0.04
211687 x at	111	0.04	212496 s at		0.04
200730	1U				
		0.04	218989_x_at		
	10	0.04	202516 s at	1U	0.04
220832_at	1U	0.04	238757_at	1U	0.04
	10	0.04	203583_at	1U	
			203363_at	10	
212214_at		0.04	45526 q at	ΤU	
202314_at	1U	0.04	60528_at	1U	0.04
207936 x at	1U	0.04	21909 <mark>2</mark> s at		0.04
212899 at	1U	0.04	220467 at	1U	
218532 <u>s</u> at	10	0.04	220052_s_at	1U	0.04
213581 at	1U	0.04	219481 at	1U	0.04
209357 at	1U	0.04	213460 x at	1 <b>U</b>	0.04
214470 at	1U	0.04			
					0.04
	1U	0.04	20 <b>4</b> 265_s_at	1U	0.04
211370 s at	1U	0.04	203665_at	1U	0.04
206931 at	111	0.04	203566 <u></u> s_at		
207387 s at		0.04			
	10		204716_at	10	0.04
202158_s_at	1U	0.04	204439_at	10	0.04
218127 at	1U	0.04	203552 at	10	0.04
209019 s at	10	0.04	204747 at	10	
209274_s_at	1U	0.04	<del></del>		
			221478_at	10	0.04
202875_s_at	10	0.04	210555 <u>s_</u> at	10	0.04
217576 x at	1U	0.04	212041 at	1U	0.04
217719 at	10	0.04	2107 <b>42</b> at	1υ	
202325_s_at	1U	0.04	212066_s_at	10	0.04
211561_x_at	1U	0.04	202427 s at	10	0.04
218626 at	10	0.04	202206 at	10	0.04
219104 at	1U	0.04	205583 s at	10	0.04
219292_at	10	0.04	205383_s_at	10	0.04
212905_at	1U	0.04	206956 at	1U	0.04
212322 at	1U	0.04	209001_s_at	10	0.04
217978 s at		0.04			
	10		208610_s_at	10	0.04
218267_at	1U	0.04	200686_s_at	10	0.04
218073 s at	1U	0.04	201096 s at	1U	0.04
218181 s at	10	0.04	201943 s at	10	0.04
204102_s_at	1U	0.04	203209_at	10	0.04
221535_at	10	0.04	201930_at	1U	0.04
209665 at	10	0.04	207667 s at	1υ	0.04
			20.10,_5_40		0.01

211784 s at 1U 0.04					_	
200725   x at   10   0.04   201191   at   10   0.04   203896 at   10   0.04   208886 at   10   0.04   208886 at   10   0.04   208886 at   10   0.04   208885 at   10   0.04   218715 at   10   0.04   218715 at   10   0.04   218715 at   10   0.04   219175   3   10   0.04   219080 at   10   0.04   219080 at   10   0.04   219175   3   10   0.04   219080 at   10   0.04   219185   3   3   10   0.04   219260 s   3   10   0.04   218243 at   10   0.04   218945 as   10   0.04   218945 as   10   0.04   218945 as   10   0.04   224596 at   10   0.04   218929   x at   10   0.04   224596 at   10   0.04   218929   x at   10   0.04   224596 at   10   0.04   213218 at   10   0.04   2208969 at   10   0.04   213318 at   10   0.04   201973   x at   10   0.04   213387   x at   10   0.04   201973   x at   10   0.04   2133988   x at   10   0.04   201973   x at   10   0.04   2133987   x at   10   0.04   201973   x at   10   0.04   2133987   x at   10   0.04   201973   x at   10   0.04   2133987   x at   10   0.04   213987   x at   10   0.04   218053   x at   10	211784_s_at	10		219935_at	10	0.04
200725   x at   10   0.04   201191   at   10   0.04   203896 at   10   0.04   208886 at   10   0.04   208886 at   10   0.04   208886 at   10   0.04   208885 at   10   0.04   218715 at   10   0.04   218715 at   10   0.04   218715 at   10   0.04   219175   3   10   0.04   219080 at   10   0.04   219080 at   10   0.04   219175   3   10   0.04   219080 at   10   0.04   219185   3   3   10   0.04   219260 s   3   10   0.04   218243 at   10   0.04   218945 as   10   0.04   218945 as   10   0.04   218945 as   10   0.04   224596 at   10   0.04   218929   x at   10   0.04   224596 at   10   0.04   218929   x at   10   0.04   224596 at   10   0.04   213218 at   10   0.04   2208969 at   10   0.04   213318 at   10   0.04   201973   x at   10   0.04   213387   x at   10   0.04   201973   x at   10   0.04   2133988   x at   10   0.04   201973   x at   10   0.04   2133987   x at   10   0.04   201973   x at   10   0.04   2133987   x at   10   0.04   201973   x at   10   0.04   2133987   x at   10   0.04   213987   x at   10   0.04   218053   x at   10	201846 s at	1U	0.04	219235 s at	1 U	0.04
203956 at 10 0.04 23304 at 10 0.04 201365 at 10 0.04 201365 at 10 0.04 201498 at 10 0.04 20159 at 10 0.04 201498 at 10 0.04 20159 at 10 0.04 201515 at 10 0.04 201515 at 10 0.04 2191618 x at 10 0.04 219081 at 10 0.04 219175 x at 10 0.04 219081 at 10 0.04 219175 x at 10 0.04 219081 at 10 0.04 210412 at 10 0.04 219508 x at 10 0.04 219081 at 10 0.04 201412 at 10 0.04 218543 x at 10 0.04 202149 at 10 0.04 218543 x at 10 0.04 202149 at 10 0.04 218956 at 10 0.04 219290 x at 10 0.04 201786 x at 10 0.04 212318 at 10 0.04 201786 x at 10 0.04 213928 x at 10 0.04 201786 x at 10 0.04 213928 x at 10 0.04 201713 x at 10 0.04 213928 x at 10 0.04 201713 x at 10 0.04 213928 x at 10 0.04 201713 x at 10 0.04 213967 x at 10 0.04 201414 x at 10 0.04 213967 x at 10 0.04 213968 x at 10 0						
213659 at 1U 0.04	200723_X_ac			201191_at	10	
201498 at 10 0.04 22159 at 10 0.04 228308 at 10 0.04 217618 x at 10 0.04 218715 at 10 0.04 219715 s at 10 0.04 21972 s at 10 0.04 21973 s at 10 0.04 21972 s at 10 0.04 21973 s at 10 0.04 21972 s at 10 0.04 21973 s at 10 0.04 21972 s at 10 0.04 21973 s at 10 0.04 21974 s at 10 0.04 21974 s at 10 0.04 21974 s at 10 0.04 21975 s at 10 0.04 21974 s at 10 0.04 21975 s at 10 0.04 21974 s at 1	203956_at	ΤÜ	0.04	33304_at	10	0.04
201498 at 10 0.04 22159 at 10 0.04 228308 at 10 0.04 217618 x at 10 0.04 218715 at 10 0.04 219715 s at 10 0.04 21972 s at 10 0.04 21973 s at 10 0.04 21972 s at 10 0.04 21973 s at 10 0.04 21972 s at 10 0.04 21973 s at 10 0.04 21972 s at 10 0.04 21973 s at 10 0.04 21974 s at 10 0.04 21974 s at 10 0.04 21974 s at 10 0.04 21975 s at 10 0.04 21974 s at 10 0.04 21975 s at 10 0.04 21974 s at 1	213659 at	1U	0.04	208886 at	1U	0.04
22114				220159 at	1 17	
22114	201430_ac	1.0		220139_at	10	
22114	208351_s_at	ΤÜ		38398_at	10	0.04
22114	217618 x at	1U	0.04	218715 at	1U	0.04
22114		111	0 04	219081 =+	111	
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226414 s at       1U 0.04       209586 s at       1U 0.04         206829 x at       1U 0.04       210731 s at       1U 0.04         221207 s at       1U 0.04       212202 s at       1U 0.04         203408 s at       1U 0.04       210705 s at       1U 0.04         206621 s at       1U 0.04       210574 s at       1U 0.04         203156 at       1U 0.04       211665 s at       1U 0.04         201031 s at       1U 0.04       210466 s at       1U 0.04         20957 at       1U 0.04       212034 s at       1U 0.04         217691 x at       1U 0.04       210916 s at       1U 0.04         223078 s at       1U 0.04       202156 s at       1U 0.04         201532 at       1U 0.04       202230 s at       1U 0.04         20523 at       1U 0.04       202207 at       1U 0.04         20528 at       1U 0.04       205282 at       1U 0.04         206240 s at       1U 0.04       206390 x at       1U 0.04         20740 s at       1U 0.04       20835 s at       1U 0.04         20740 s at       1U 0.04       208304 at       1U 0.04         208373 at       1U 0.04       208304 at       1U 0.04         208430 at	212244 at	1U	0.04		1 U	
206829 x at       1U 0.04       210731 s at       1U 0.04         221207 s at       1U 0.04       212202 s at       1U 0.04         203408 s at       1U 0.04       210705 s at       1U 0.04         206621 s at       1U 0.04       210574 s at       1U 0.04         203156 at       1U 0.04       211665 s at       1U 0.04         201031 s at       1U 0.04       210466 s at       1U 0.04         205371 s at       1U 0.04       212034 s at       1U 0.04         220957 at       1U 0.04       210916 s at       1U 0.04         217691 x at       1U 0.04       202156 s at       1U 0.04         223078 s at       1U 0.04       202230 s at       1U 0.04         201532 at       1U 0.04       202207 at       1U 0.04         206240 s at       1U 0.04       205282 at       1U 0.04         206551 x at       1U 0.04       208735 s at       1U 0.04         20740 s at       1U 0.04       208735 s at       1U 0.04         20740 s at       1U 0.04       20816 s at       1U 0.04         208733 at       1U 0.04       208304 at       1U 0.04         208733 at       1U 0.04       208304 at       1U 0.04         208737 s at </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
221207_s_at       1U 0.04       212202_s_at       1U 0.04         203408_s_at       1U 0.04       210705_s_at       1U 0.04         206621_s_at       1U 0.04       210574_s_at       1U 0.04         203156_at       1U 0.04       211665_s_at       1U 0.04         201031_s_at       1U 0.04       210466_s_at       1U 0.04         205371_s_at       1U 0.04       212034_s_at       1U 0.04         220957_at       1U 0.04       210916_s_at       1U 0.04         217691_x_at       1U 0.04       202156_s_at       1U 0.04         223078_s_at       1U 0.04       202230_s_at       1U 0.04         201769_at       1U 0.04       202207_at       1U 0.04         206240_s_at       1U 0.04       205282_at       1U 0.04         206551_x_at       1U 0.04       206390_x_at       1U 0.04         202985_s_at       1U 0.04       208735_s_at       1U 0.04         203733_at       1U 0.04       208116_s_at       1U 0.04         203733_at       1U 0.04       208304_at       1U 0.04         209044_at       1U 0.04       208727_s_at       1U 0.04						
203408 s at 1U 0.04       210705 s at 1U 0.04         206621 s at 1U 0.04       210574 s at 1U 0.04         203156 at 1U 0.04       211665 s at 1U 0.04         201031 s at 1U 0.04       210466 s at 1U 0.04         205371 s at 1U 0.04       212034 s at 1U 0.04         220957 at 1U 0.04       210916 s at 1U 0.04         217691 x at 1U 0.04       202156 s at 1U 0.04         223078 s at 1U 0.04       202230 s at 1U 0.04         201769 at 1U 0.04       202207 at 1U 0.04         206240 s at 1U 0.04       205282 at 1U 0.04         206551 x at 1U 0.04       206390 x at 1U 0.04         202985 s at 1U 0.04       208735 s at 1U 0.04         203733 at 1U 0.04       208304 at 1U 0.04         203733 at 1U 0.04       209430 at 1U 0.04         209044 at 1U 0.04       209430 at 1U 0.04         221904 at 1U 0.04       208727 s at 1U 0.04						
206621_s_at       1U 0.04       210574_s_at       1U 0.04         203156_at       1U 0.04       211665_s_at       1U 0.04         201031_s_at       1U 0.04       210466_s_at       1U 0.04         205371_s_at       1U 0.04       212034_s_at       1U 0.04         220957_at       1U 0.04       210916_s_at       1U 0.04         217691_x_at       1U 0.04       202156_s_at       1U 0.04         223078_s_at       1U 0.04       202230_s_at       1U 0.04         201769_at       1U 0.04       202207_at       1U 0.04         201532_at       1U 0.04       202621_at       1U 0.04         206240_s_at       1U 0.04       205282_at       1U 0.04         202985_s_at       1U 0.04       208735_s_at       1U 0.04         203733_at       1U 0.04       208116_s_at       1U 0.04         200044_at       1U 0.04       209430_at       1U 0.04         20904_at       1U 0.04       208727_s_at       1U 0.04	221207_s_at	1U			1U	0.04
206621_s_at       1U 0.04       210574_s_at       1U 0.04         203156_at       1U 0.04       211665_s_at       1U 0.04         201031_s_at       1U 0.04       210466_s_at       1U 0.04         205371_s_at       1U 0.04       212034_s_at       1U 0.04         220957_at       1U 0.04       210916_s_at       1U 0.04         217691_x_at       1U 0.04       202156_s_at       1U 0.04         223078_s_at       1U 0.04       202230_s_at       1U 0.04         201769_at       1U 0.04       202207_at       1U 0.04         201532_at       1U 0.04       202621_at       1U 0.04         206240_s_at       1U 0.04       205282_at       1U 0.04         202985_s_at       1U 0.04       208735_s_at       1U 0.04         203733_at       1U 0.04       208116_s_at       1U 0.04         200044_at       1U 0.04       209430_at       1U 0.04         20904_at       1U 0.04       208727_s_at       1U 0.04	203408 s at	1U	0.04		1U	0.04
203156_at       1U 0.04       211665_s_at       1U 0.04         201031_s_at       1U 0.04       210466_s_at       1U 0.04         205371_s_at       1U 0.04       212034_s_at       1U 0.04         220957_at       1U 0.04       210916_s_at       1U 0.04         217691_x_at       1U 0.04       202156_s_at       1U 0.04         223078_s_at       1U 0.04       202230_s_at       1U 0.04         201769_at       1U 0.04       202207_at       1U 0.04         201532_at       1U 0.04       202621_at       1U 0.04         206240_s_at       1U 0.04       205282_at       1U 0.04         202985_s_at       1U 0.04       208735_s_at       1U 0.04         203733_at       1U 0.04       208304_at       1U 0.04         200044_at       1U 0.04       209430_at       1U 0.04         221904_at       1U 0.04       208727_s_at       1U 0.04						
201031_s_at       1U 0.04       210466_s_at       1U 0.04         205371_s_at       1U 0.04       212034_s_at       1U 0.04         220957_at       1U 0.04       210916_s_at       1U 0.04         217691_x_at       1U 0.04       202156_s_at       1U 0.04         223078_s_at       1U 0.04       202230_s_at       1U 0.04         201769_at       1U 0.04       202207_at       1U 0.04         201532_at       1U 0.04       202621_at       1U 0.04         206240_s_at       1U 0.04       205282_at       1U 0.04         202985_s_at       1U 0.04       208735_s_at       1U 0.04         203733_at       1U 0.04       208116_s_at       1U 0.04         200044_at       1U 0.04       209430_at       1U 0.04         20174_at       1U 0.04       209430_at       1U 0.04	<del></del>					
205371_s_at       1U 0.04       212034_s_at       1U 0.04         220957_at       1U 0.04       210916_s_at       1U 0.04         217691_x_at       1U 0.04       202156_s_at       1U 0.04         223078_s_at       1U 0.04       202230_s_at       1U 0.04         201769_at       1U 0.04       202207_at       1U 0.04         201532_at       1U 0.04       202621_at       1U 0.04         206240_s_at       1U 0.04       205282_at       1U 0.04         202985_s_at       1U 0.04       208735_s_at       1U 0.04         203733_at       1U 0.04       208304_at       1U 0.04         200044_at       1U 0.04       209430_at       1U 0.04         221904_at       1U 0.04       208727_s_at       1U 0.04						
220957_at       1U 0.04       210916_s_at       1U 0.04         217691_x_at       1U 0.04       202156_s_at       1U 0.04         223078_s_at       1U 0.04       202230_s_at       1U 0.04         201769_at       1U 0.04       202207_at       1U 0.04         201532_at       1U 0.04       202621_at       1U 0.04         206240_s_at       1U 0.04       205282_at       1U 0.04         202985_s_at       1U 0.04       208735_s_at       1U 0.04         203733_at       1U 0.04       208116_s_at       1U 0.04         200044_at       1U 0.04       209430_at       1U 0.04         221904_at       1U 0.04       208727_s_at       1U 0.04	201031 s at	10	0.04	210466 s at	1U	0.04
220957_at       1U 0.04       210916_s_at       1U 0.04         217691_x_at       1U 0.04       202156_s_at       1U 0.04         223078_s_at       1U 0.04       202230_s_at       1U 0.04         201769_at       1U 0.04       202207_at       1U 0.04         201532_at       1U 0.04       202621_at       1U 0.04         206240_s_at       1U 0.04       205282_at       1U 0.04         202985_s_at       1U 0.04       208735_s_at       1U 0.04         203733_at       1U 0.04       208116_s_at       1U 0.04         200044_at       1U 0.04       209430_at       1U 0.04         221904_at       1U 0.04       208727_s_at       1U 0.04	205371 s at	1 U	0.04	212034 s at	10	0.04
217691_x_at       1U 0.04       202156_s_at       1U 0.04         223078_s_at       1U 0.04       202230_s_at       1U 0.04         201769_at       1U 0.04       202207_at       1U 0.04         201532_at       1U 0.04       202621_at       1U 0.04         206240_s_at       1U 0.04       205282_at       1U 0.04         206551_x_at       1U 0.04       206390_x_at       1U 0.04         202985_s_at       1U 0.04       208735_s_at       1U 0.04         203733_at       1U 0.04       208304_at       1U 0.04         200044_at       1U 0.04       209430_at       1U 0.04         221904_at       1U 0.04       208727_s_at       1U 0.04	220957 at					
223078_s_at       1U 0.04       202230_s_at       1U 0.04         201769_at       1U 0.04       202207_at       1U 0.04         201532_at       1U 0.04       202621_at       1U 0.04         206240_s_at       1U 0.04       205282_at       1U 0.04         206551_x_at       1U 0.04       206390_x_at       1U 0.04         202985_s_at       1U 0.04       208735_s_at       1U 0.04         203733_at       1U 0.04       208304_at       1U 0.04         200044_at       1U 0.04       209430_at       1U 0.04         221904_at       1U 0.04       208727_s_at       1U 0.04						
201769_at       1U 0.04       202207_at       1U 0.04         201532_at       1U 0.04       202621_at       1U 0.04         206240_s_at       1U 0.04       205282_at       1U 0.04         206551_x_at       1U 0.04       206390_x_at       1U 0.04         202985_s_at       1U 0.04       208735_s_at       1U 0.04         210740_s_at       1U 0.04       208116_s_at       1U 0.04         203733_at       1U 0.04       208304_at       1U 0.04         200044_at       1U 0.04       209430_at       1U 0.04         221904_at       1U 0.04       208727_s_at       1U 0.04						
201769_at       1U 0.04       202207_at       1U 0.04         201532_at       1U 0.04       202621_at       1U 0.04         206240_s_at       1U 0.04       205282_at       1U 0.04         206551_x_at       1U 0.04       206390_x_at       1U 0.04         202985_s_at       1U 0.04       208735_s_at       1U 0.04         203733_at       1U 0.04       208116_s_at       1U 0.04         200044_at       1U 0.04       209430_at       1U 0.04         221904_at       1U 0.04       208727_s_at       1U 0.04	223078 s at	1U	0.04	202230 s at	1υ	0.04
201532_at       1U 0.04       202621_at       1U 0.04         206240_s_at       1U 0.04       205282_at       1U 0.04         206551_x_at       1U 0.04       206390_x_at       1U 0.04         202985_s_at       1U 0.04       208735_s_at       1U 0.04         210740_s_at       1U 0.04       208116_s_at       1U 0.04         203733_at       1U 0.04       208304_at       1U 0.04         200044_at       1U 0.04       209430_at       1U 0.04         221904_at       1U 0.04       208727_s_at       1U 0.04	201769 at	10				
206240_s_at       1U       0.04       205282_at       1U       0.04         206551_x_at       1U       0.04       206390_x_at       1U       0.04         202985_s_at       1U       0.04       208735_s_at       1U       0.04         210740_s_at       1U       0.04       208116_s_at       1U       0.04         203733_at       1U       0.04       208304_at       1U       0.04         200044_at       1U       0.04       209430_at       1U       0.04         221904_at       1U       0.04       208727_s_at       1U       0.04	201532 2+					
206551_x_at       1U 0.04       206390_x_at       1U 0.04         202985_s_at       1U 0.04       208735_s_at       1U 0.04         210740_s_at       1U 0.04       208116_s_at       1U 0.04         203733_at       1U 0.04       208304_at       1U 0.04         200044_at       1U 0.04       209430_at       1U 0.04         221904_at       1U 0.04       208727_s_at       1U 0.04						
202985_s_at       1U 0.04       208735_s_at       1U 0.04         210740_s_at       1U 0.04       208116_s_at       1U 0.04         203733_at       1U 0.04       208304_at       1U 0.04         200044_at       1U 0.04       209430_at       1U 0.04         221904_at       1U 0.04       208727_s_at       1U 0.04		10		205282_at	1U	0.04
202985_s_at       1U 0.04       208735_s_at       1U 0.04         210740_s_at       1U 0.04       208116_s_at       1U 0.04         203733_at       1U 0.04       208304_at       1U 0.04         200044_at       1U 0.04       209430_at       1U 0.04         221904_at       1U 0.04       208727_s_at       1U 0.04	206551 x at	1 U	0.04	206390 x at	10	0.04
210740_s_at       1U 0.04       208116_s_at       1U 0.04         203733_at       1U 0.04       208304_at       1U 0.04         200044_at       1U 0.04       209430_at       1U 0.04         221904_at       1U 0.04       208727_s_at       1U 0.04						
203733_at       1U 0.04       208304_at       1U 0.04         200044_at       1U 0.04       209430_at       1U 0.04         221904_at       1U 0.04       208727_s_at       1U 0.04						
200044_at 1U 0.04 209430_at 1U 0.04 221904_at 1U 0.04 208727_s_at 1U 0.04						
200044_at 1U 0.04 209430_at 1U 0.04 221904_at 1U 0.04 208727_s_at 1U 0.04		10		208304 at	1U	0.04
221904_at 1U 0.04 208727_s_at 1U 0.04	200044 at	1U	0.04		10	
	_					
201939_at 10 0.04 208853_s_at 10 0.04						
	201939_at	ΤÜ	0.04	208853_s_at	ΤÜ	0.04

200622+	10	0.04	217020	1U	0.04
208623_s_at			217020_at		
200648_s_at	1U		204075_s_at	1U	0.04
200790 at	1U	0.04	205089 at		0.04
200598 s at	10	0.04	206809_s_at	1U	0.04
201967 at		0.04	201129 at		0.04
		0.04			
	10		237504_at		0.04
201528_at 201221 s at	10	0.04	2181 <b>44</b> _s_at		0.04
201221 s at	1U	0.04	214707 x at	1U	0.04
201544 x at	10	0.04	209287 s at	1U	0.04
	10	0.04	200810 s at		0.04
		0.04			
201133_s_at	1U		203852_s_at		0.04
201151_s_at 201032_at	ΤÜ	0.04	220370_s_at	1U	0.04
201032_at	1U	0.04	209154_at	1U	0.04
201630 s at	1U	0.04	203376 <u></u> at	1U	0.04
	1U	0.04	209682_at	1U	0.04
		0.04	209305_at	10	0.04
	10		209215_at 211069_s_at	10	
201647_s_at	10	0.04	211069_s_at	10	0.04
237783_at	1U	0.04	2137 <b>4</b> 6_s_at	1U	0.04
208124_s_at	1U	0.04	201403 s at	1υ	0.04
210460_s_at		0.04	211070 x at		0.04
219037 at	111	0.04			0.04
219037_at 209884_s_at	10		220148_at 211282_x_at	10	
209884_s_at	10	0.04	211282_X_at	10	0.04
210825_s_at	1U	0.04	204006_s_at	1U	0.04
216841 s at	1U	0.04	219163 at	1 U	0.04
218703_at	10	0.04	213127_s_at	1U	0.04
224818 at	111	0.04	213527 s at	1U	0.04
208759 at	117				
		0.04	218114_at		0.04
203301_s_at		0.04	212096_s_at		0.04
209787_s_at	1U	0.04	205525_at	1 U	0.04
201380 at	10	0.04	206110 at	1U	0.04
201380_at 213330_s_at	1 []	0.04	206110_at 208268_at	1U	0.04
224356 x at	1U	0.04	200957 s at	10	0.04
<b>–</b> –					
202051_s_at	1U	0.04	210966_x_at		0.04
220735_s_at	1U	0.04	203465_at	1U	0.04
220735_s_at 232387_at	10	0.04	212542 s at	1U	0.04
218514_at	1U	0.04	229632 s at	1U	0.04
205681_at		0.04	209318 x at	1U	0.04
201650+	111	0.04	203310_K_at		
221658_s_at 202349_at	10		203412_at	1U	0.04
202349_at	ΤU	0.04	203640 <u>a</u> t	10	0.04
20624/_at	ΤO	0.04	200075 <u>    s</u> at	1U	0.04
65133 i at	1U	0.04	208070 s at	1U	0.04
202268_s_at	10	0.04	200944 s at	1U	0.04
201338 x at	10	0.04	242774 at	10	0.04
			201065 s at		
219834_at	1U	0.04		10	0.04
200662_s_at	1U	0.04	213115_at	10	0.04
201872_s_at	10	0.04	219717_at	10	0.04
205129_at	1U	0.04	220036_s_at	1U	0.04
203543 s at	1U	0.04	218963 s at	10	0.04
219008 at	10	0.04	214314 s at	10	
			<del>-</del> -		
217100_s_at	10	0.04	213504_at	10	0.04
212495_at	10	0.04	216591_s_at	1U	0.04
212615_at	1U	0.04	203515 s at	1U	0.04
211559 s at	1U	0.04	222132 s at	10	0.04
228039 at	10	0.04	221601 s at	10	0.04
203317 at	1U	0.04	212061_3_at 212061 at	10	0.04
210386_s_at	10	0.04	202378_s_at	10	0.04
232617_at	10	0.04	205442_at	1U	0.04
220597 s at	10	0.04	205586 x at	10	0.04
220525 s at	1U	0.04	205462 s at	10	0.04
34689 at	1U	0.04	209436 at	1U	0.04
		0.04			
205006_s_at	10		209258_s_at	1U	0.04
202119_s_at	10	0.04	209275_s_at	10	0.04
209362_at	10	0.04	208426_x_at	10	0.04
202101_s_at	10	0.04	208121_s_at	1U	0.04
<b>-</b> -			· — —		

```
1487 at
                                          207334 s at
                                                            1.53902e-03
              1U
                  0.04
                                                       1W
201883 s at
                  0.04
                                          206686 at
                                                            1.53902e-03
              1U
                                                        1W
200900_s_at
                  0.04
                                          227775_at
                                                            1.569235e-03
              1U
                                                        1W
209184 s at
                                          224787 s at
                  0.04
                                                            1.569235e-03
              1U
                                                        1W
202197 at
                                          224377_s_at
                  0.04
                                                            1.569235e-03
              1U
                                                        1W
204477_at
                                          218389 s at
              1U
                  0.04
                                                        1W
                                                            1.569235e-03
214426_x_at
              1U
                  0.04
                                          220775_s_at
                                                        1W
                                                            1.569235e-03
203908 at
              10
                  0.04
                                          206113_s_at
                                                        1W
                                                            1.569235e-03
                                          207630_s_at
212207_at
              1U
                  0.04
                                                        1W
                                                            1.569235e-03
209911_x_at
              10
                  0.04
                                                            1.569235e-03
                                          207761_s_at
                                                       1W
217950_at
              1U
                  0.04
                                          1553750_a_at 1W
                                                            1.569235e-03
                                          200796_s_at
205205_at
              1U
                  0.04
                                                        1W
                                                            1.569235e-03
210288_at
              1U
                  0.04
                                          230469_at
                                                        1W
                                                            1.678702e-03
207601_at
              1U
                  0.04
                                          200744_s_at
                                                       1W
                                                            1.692302e-03
208152_s_at
             1U
                  0.04
                                          1555611_s_at 1W
                                                            1.701413e-03
203043 at
             1U
                  0.04
                                          201959 s at
                                                       1W
                                                            1.848911e-03
208591_s_at
             1W
                  1.23e-05
                                          204581 at
                                                        1W
                                                            1.924219e-03
209799_at
              1W
                  1.85e-05
                                          216689 x at
                                                        1 W
                                                            1.93471e-03
                                                        1W
210971_s_at
             1W
                  5.93e-05
                                                            2.099609e-03
                                          206053 at
                  6.04e-05
1553962_s_at 1W
                                                            2.133193e-03
                                          228034 x at
                                                        1W
              1W
                                          205179_s_at
238587 at
                  1.16e-04
                                                        1W
                                                            2.133193e-03
207164_s_at
             1W
                  1.16e-04
                                                        1W
                                                            2.212795e-03
                                          210145_at
1555565_s_at 1W
                  1.16e-04
                                          207629_s_at
                                                        1W
                                                            2.313056e-03
                                          229091_s_at
227220_at
              1W
                  1.79e-04
                                                        1W
                                                            2.369657e-03
201798_s_at
             1W
                  2.14e-04
                                                            2.369657e-03
                                          217371_s_at
                                                        1W
242123_at
              1W
                  2.99e-04
                                                            2.369657e-03
                                          203579_s_at
                                                        1W
222082_at
              1W
                  2.99e-04
                                          203718 at
                                                        1W
                                                            2.369657e-03
210231 x at
              1W
                  3.02e-04
                                          205504 at
                                                        1W
                                                            2.369657e-03
209853 s at
              1W
                  3.7e-04
                                          1565716 at
                                                        1W
                                                            2.369657e-03
204186 s at
             1W
                  3.74e-04
                                          1552611 a at 1W
                                                            2.369657e-03
222458 s at
             1W
                  3.74e-04
                                          1557053 s at 1W
                                                            2.369657e-03
212008 at
              1W
                  3.74e-04
                                          200778 s at
                                                        1W
                                                            2.369657e-03
211771 s at
              1W
                  3.74e-04
                                          201936 s at
                                                        1W
                                                            2.369657e-03
201886 at
              1W
                  3.74e-04
                                          201211 s at
                                                        1W
                                                            2.369657e-03
203834 s at
              1W
                  5.21e-04
                                          200872 at
                                                        1W
                                                            2.369657e-03
1554450 s at 1W
                  5.89e-04
                                          206708 at
                                                        1W
                                                            2.536609e-03
217824 at
              1W
                  6.26e-04
                                          212456 at
                                                        1W
                                                            2.697461e-03
209717 at
              1W
                  6.26e-04
                                          228217 s at
                                                            2.758157e-03
202730 s at
              1W
                  6.26e-04
                                          1565818_s_at 1W
                                                            2.878643e-03
206488 s at
              1W
                  6.26e-04
                                          228281 at
                                                        1W
                                                            2.940086e-03
207686_s_at
              1W
                  6.26e-04
                                          204864 s at
                                                            2.940086e-03
                                                        1W
208351_s_at
              1W
                  6.26e-04
                                          1553106 at
                                                            2.940086e-03
207067 s at
                  7.88e-04
                                                            3.029037e-03
              1 W
                                          201814 at
205921 s at
                  8.03e-04
                                          208947 s at
                                                            3.033972e-03
              1W
205822 s at
                  8.22e-04
              1W
                                          207419 s at
                                                        1W
                                                            3.172093e-03
204440 at
              1W
                  9.37e-04
                                          226442 at
                                                        1W
                                                            3.173524e-03
233575 s at
              1W
                  1.008216e-03
                                          219150 s at
                                                        1W
                                                            3.288839e-03
209653 at
              1W
                  1.008216e-03
                                          209960 at
                                                        1W
                                                            3.288839e-03
209906 at
              1W
                  1.008216e-03
                                          212599 at
                                                        1W
                                                            3.30807e-03
204929 s at
                  1.008216e-03
                                          209305 s at
                                                            3.343202e-03
              1W
                                                        1W
205349 at
                                          223703 at
              1W
                  1.008216e-03
                                                        1W
                                                            3.48286e-03
207594_s_at
              1W
                  1.008216e-03
                                          239335 at
                                                        1W
                                                            3.48286e-03
207734_at
              1W
                  1.008216e-03
                                          219574 at
                                                        1W
                                                            3.48286e-03
208121 s at
                                          219368 at
                                                        1W
              1W
                  1.008216e-03
                                                            3.48286e-03
                                          213741_s_at
1554451_s_at 1W
                  1.008216e-03
                                                            3.48286e-03
                                                        1W
205917_at
                                          213986_s_at
              1W
                  1.017989e-03
                                                        1W
                                                            3.48286e-03
226837_at
              1W
                  1.073433e-03
                                          218465 at
                                                        1W
                                                            3.48286e-03
202781_s_at
              1W
                  1.088973e-03
                                          222563 s at
                                                        1W
                                                            3.48286e-03
221962_s_at
              1W
                  1.322951e-03
                                          221082_s_at
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                                                            3.48286e-03
228176_at
              1W
                  1.335403e-03
                                          211864_s_at
                                                        1W
                                                            3.48286e-03
                                          211230_s_at
206120 at
              1W
                  1.335403e-03
                                                        1W
                                                            3.48286e-03
              1W
                  1.360747e-03
223143_s_at
                                          210162_s_at
                                                        1W
                                                            3.48286e-03
200952_s_at
              1W
                  1.476515e-03
                                          211559_s_at
                                                        1W
                                                            3.48286e-03
229933_at
              1W
                  1.508178e-03
                                          203217 s at
                                                        1W
                                                            3.48286e-03
```

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202684 s_at
203134 at
              1W
                   3.48286e-03
                                                             6.30705e-03
                                                         1W
206748_s_at
208447_s_at
              1W
                   3.48286e-03
                                           219834_at
                                                         1W
                                                             6.311297e-03
              1W
                   3.48286e-03
                                           205026 at
                                                         1W
                                                             6.60737e-03
207735 at
              1W
                   3.48286e-03
                                           207549_x_at
                                                         1W
                                                             6.707173e-03
1553709_a_at 1W
                                           219067<u>_</u>s_at
                   3.48286e-03
                                                         1 W
                                                             6.759915e-03
1554757_a_at 1W
                   3.48286e-03
                                           201587 s at
                                                         1W
                                                             6.779815e-03
37152 at
              1W
                   3.595303e-03
                                           205992_s_at
                                                         1W
                                                             6.867127e-03
1555407_s_at 1W
                   3.632482e-03
                                           216652 s_at
                                                         1W
                                                             6.885647e-03
              1W
238562_at
                   3.70151e-03
                                           204183 s at
                                                         1W
                                                             6.915927e-03
212404_s_at
              1W
                   4.036551e-03
                                           224988 at
                                                         1W
                                                             7.010066e-03
201668_x_at
              1 W
                  4.237273e-03
                                           232661 s at
                                                         1W
                                                             7.010066e-03
218883_s_at
              1W
                   4.385394e-03
                                           228505 s at
                                                         1W
                                                             7.010066e-03
206695_x_at
              1W
                   4.386969e-03
                                           236600 at
                                                         1W
                                                             7.010066e-03
202058 s at
              1W
                   4.402941e-03
                                           38671 at
                                                         1 W
                                                             7.010066e-03
64408 s at
              1W
                   4.431886e-03
                                           218684 at
                                                         1W
                                                             7.010066e-03
235802 at
              1W
                   4.442751e-03
                                           220162_s_at
                                                         1W
                                                             7.010066e-03
220750 s at
              1W
                  4.488829e-03
                                           219991_at
                                                         1W
                                                             7.010066e-03
213936 x at
                                           219843_at
                                                             7.010066e-03
                  4.548173e-03
                                                         1 W
41160 at
              1W
                  4.580607e-03
                                           220121 at
                                                         1 W
                                                             7.010066e-03
                                           219639_x_at
223204 at
                  4.62076e-03
                                                         1W
                                                             7.010066e-03
                                           214697_s_at
207446 at
              1W
                  4.667282e-03
                                                         1W
                                                             7.010066e-03
217489 s at
              1W
                  4.775288e-03
                                           213626 at
                                                             7.010066e-03
                                                         1W
                                           218005 at
205566 at
              1W
                  4.80624e-03
                                                             7.010066e-03
                                                         1W
218641 at
              1W
                  4.810928e-03
                                           202130 at
                                                         1W
                                                             7.010066e-03
208485 x at
              1W
                  4.874958e-03
                                           202488 s at
                                                         1W
                                                             7.010066e-03
1552927 at
              1W
                  4.907504e-03
                                           202199 s_at
                                                         1W
                                                             7.010066e-03
218988 at
              1W
                  4.914215e-03
                                           202206_at
                                                             7.010066e-03
                                                         1W
210042_s_at
                  4.933207e-03
              1W
                                           207793 s at
                                                             7.010066e-03
                                                         1W
201226 at
              1W
                                           208442 s at
                  4.982943e-03
                                                         1W
                                                             7.010066e-03
235744 at
              1 W
                  4.984988e-03
                                           209268 at
                                                         1W
                                                             7.010066e-03
226241_s_at
                                           208623_s_at
              1 W
                  4.995906e-03
                                                         1W
                                                             7.010066e-03
228239 at
              1 W
                  4.995906e-03
                                           1554834_a_at 1W
                                                             7.010066e-03
238669 at
              1W
                  4.995906e-03
                                           1553581_s_at 1W
                                                             7.010066e-03
218559 s at
              1W
                  4.995906e-03
                                           200999_s_at
                                                         1W
                                                             7.010066e-03
212731 at
              1W
                  4.995906e-03
                                           201192 s at
                                                             7.010066e-03
                                                         1W
213224 s_at
              1W
                  4.995906e-03
                                           238695 s at
                                                         1W
                                                             7.141047e-03
218206 x at
              1W
                  4.995906e-03
                                           39835 at
                                                         1W
                                                             7.141047e-03
216997_x_at
              1W
                  4.995906e-03
                                           1552554 a at 1W
                                                             7.141047e-03
220832 at
              1W
                  4.995906e-03
                                           1553626 a at 1W
                                                             7.149472e-03
222804_x_at
              1W
                  4.995906e-03
                                           219551 at
                                                         1W
                                                             7.169719e-03
211097_s_at
                  4.995906e-03
                                           209085_x_at
              1W
                                                         1W
                                                             7.243926e-03
202947_s_at
                  4.995906e-03
                                           206910_x_at
              1W
                                                         1W
                                                             7.248216e-03
204980 at
              1W
                  4.995906e-03
                                           207181_s_at
                                                         1W
                                                             7.248216e-03
209188 x at
              1W
                  4.995906e-03
                                           202732 at
                                                         1W
                                                             7.31364e-03
1553165 at
                                           218274_s_at
              1W
                  4.995906e-03
                                                         1W
                                                             7.417291e-03
                                           205306_x_at
1552806_a_at
              1W
                  4.995906e-03
                                                         1W
                                                             7.460088e-03
                                           206917_at
201590 \times at
              1W
                  4.995906e-03
                                                         1W
                                                             7.589657e-03
                                           210904_s_at
201179 s at
              1W
                  4.995906e-03
                                                         1 W
                                                             7.597089e-03
201461 s at
              1W
                  4.995906e-03
                                           205920 at
                                                         1W
                                                             7.797941e-03
44822_s_at
                  5.089248e-03
                                           1553579_a_at 1W
              1W
                                                             7.829479e-03
219797 at
              1W
                  5.181182e-03
                                           206666 at
                                                         1W
                                                             8.020555e-03
212467 at
              1W
                  5.34919e-03
                                           225267_at
                                                         1W
                                                             8.025841e-03
231922_at
                                           215332_s_at
              1W
                  5.358396e-03
                                                         1W
                                                             8.166914e-03
233878_s_at
                  5.446281e-03
                                           218734_at
              1W
                                                         1 W
                                                             8.287156e-03
207633 s at
              1W
                  5.553057e-03
                                           205134_s_at
                                                         1 W
                                                             8.43127e-03
205997_at
              1W
                  5.6175e-03
                                                         1W
                                           220575 at
                                                             8.778034e-03
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                  5.832303e-03
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                                                             8.778034e-03
1552610_a_at 1W
                  6.066191e-03
                                           205752_s_at
                                                         1W
                                                             8.778034e-03
1554167_a_at 1W
                  6.109549e-03
                                           201193 at
                                                         1W
                                                             8.790242e-03
221060_s_at
              1 W
                  6.189672e-03
                                           223099_s at
                                                         1W
                                                             8.84573e-03
223205_s_at
              1 W
                  6.202404e-03
                                           221002 s at
                                                         1W
                                                             8.965164e-03
217872 at
              1 W
                                           212199 at
                  6.23872e-03
                                                         1W
                                                             9.101172e-03
210427_x_at
              1W
                  6.277524e-03
                                           206925 at
                                                         1W
                                                             9.218032e-03
211665 s_at
              1W
                  6.289524e-03
                                           205197_s_at
                                                         1W
                                                             9.239607e-03
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201942 s at	1W	9.306846e-03	221057 at	1W	0.01
200604 s at	1W	9.483666e-03	210286_s_at	1W	0.01
238530_at	1W	9.614631e-03	1555248 a at	1W	0.01
224364 s at	1W	9.640967e-03	1552612 at	1W	0.01
225997_at	1W	9.640967e-03	203773_x_at	1W	0.01
225195 at	1W	9.640967e-03	206184 at	1W	0.01
219812 <u>a</u> t		9.640967e-03	219402_s_at	1W	0.01
218586 at	1W	9.640967e-03	221553 at	1W	0.01
213480 at	1W	9.640967e-03	202731 at		
				1W	0.01
214336_s_at	1W	9.640967e-03	1560274 at	1W	0.01
217475_s_at	1W	9.640967e-03	214618 at	1W	0.01
218322_s_at		9.640967e-03	221517_s_at	1W	0.01
204837 at	1W	9.640967e-03	209556 at	1W	0.01
203719 at	1W	9.640967e-03	215236 s at	1W	0.01
203299_s_at	1W	9.640967e-03	224865_at	1W	0.01
223289 s at	1W	9.640967e-03	201044 x at	1W	0.01
209927 <u>s</u> at	1W	9.640967e-03	202855_s_at	1W	0.01
211521_s_at		9.640967e-03	203198_at	1W	0.01
211299 s at	1W	9.640967e-03	1558953 s at	1W	0.01
211672 s at	1W	9.640967e-03	213133 s at	1W	0.01
202654 <u>x</u> at		9.640967e-03	218811_at	1W	0.01
202356 s at	1W	9.640967e-03	226851 at	1W	0.01
202436 s at	1W	9.640967e-03	225228 at	1W	0.01
203047_at	1W	9.640967e-03	226994_at	1W	0.01
207 <b>4</b> 08 at	1W	9.640967e-03	241353 s at	1W	0.01
206 <b>471</b> s at	1W	9.640967e-03	231714 s at	1W	0.01
205076_s_at		9.640967e-03	65591_at	1W	0.01
205603_s_at	1W	9.640967e-03	218771 at	1W	0.01
207485_x_at		9.640967e-03	218926 at	1W	0.01
207872 <u>s</u> at		9.640967e-03	213503_x_at	1W	0.01
1553113 s at	1W	9.640967e-03	214864 s at	1W	0.01
	1W	9.640967e-03	2125 <b>14</b> x at	1W	0.01
1552798_a_at	1W	9.640967e-03	212831_at	1W	0.01
1552541 at	1W	9.640967e-03	214551_s_at	1W	0.01
1563111 a at	1 W	9.640967e-03	217787_s_at	1W	0.01
201903_at	1W	9.640967e-03	218472_s_at	1W	0.01
201014 s at	1W	9.640967e-03	218008 at	1W	0.01
231270 at	1W	9.8334e-03	218217 at	1W	0.01
205317_s_at		9.870129e-03	203413_at	1W	0.01
233292 s at	1W	9.909526e-03	203791 at	1W	0.01
155715 <mark>8</mark> _s_at	1 W	9.935715e-03	203789 s at	1W	0.01
202068_s_at	1W	9.970776e-03	223474 at		
202000_S_at				1W	
1565269_s_at	1W	0.01	223005_s_at	1W	0.01
202613 at	1W	0.01	221249 s at	1W	0.01
	1W	0.01	222750 s at	1W	0.01
		0.01	210116_at	1W	0.01
1552660_a_at	1W	0.01	210054 at	1W	0.01
	1W	0.01	210048_at	1W	0.01
			210040_at		
	1W	0.01	212139_at	1W	0.01
217965 s at	1W	0.01	211163 s at	1W	0.01
	1W	0.01	202599 s at	1W	0.01
_	1W	0.01	202290_at	1W	0.01
37966 at	1W	0.01	206405_x_at	1W	0.01
$20722\overline{3}$ s at	1W	0.01	205526 s at	1W	0.01
<del>-</del> -					
228490_at	1W	0.01	205371_s_at	1W	0.01
1559052_s_at	1W	0.01	207 <b>431</b> s at	1W	0.01
	1W	0.01	207821 s at	1W	0.01
<del>-</del> -	1W	0.01	208917_x_at	1W	0.01
203796_s_at	1W	0.01	209406 at	1W	0.01
223966 at	1W	0.01	1555154 a at		0.01
220320_at	1W	0.01	1558699_a_at		0.01
224892_at	1W	0.01	200710 at	1W	0.01
	1W	0.01	$155415\overline{2}$ a at	1 W	0.01
228099 at	1W	0.01	200983_x_at		
220033_ac	T AA	0.01	200903_x_ac	1W	0.01

001000			04.04.00		
	1W	0.01	213178_s_at	1W	0.01
201401_s_at	1W	0.01	214470_at	1W	0.01
201310 s at	1W	0.01	213178_s_at 214470_at 216218_s_at 218124_at 204445_s_at 204193_at 204634_at 222806_s_at 21138_s_at 211395_x_at 202422_s_at 202858_at 202166_s_at 202351_at 202527_s_at	1W	0.01
<u></u>	1W	0.01	218124_at	1W	0.01
	1W	0.01	204445 s at		
		0.01	204445_S_at		0.01
201900_s_at	1W	0.01	204193_at	1W	
205238_at	1W	0.01	204634_at	1W	0.01
1554145 a at	1W	0.01	222806_s_at	1W	0.01
1553533 at		0.01	210360_s_at	1W	0.01
207535_s_at		0.01	211138 s at	1W	0.01
		0.01	211136_5_at		
	1W	0.01	211395_x_at		0.01
210455_at		0.01	202422_s_at	1W	0.01
216551_x_at	1W	0.01	202858_at	1W	0.01
231918 s at	1W	0.01	202166 s at	1W	0.01
	1W	0.01	202351 at		0.01
222636 at	1W	0.01	202527 s at		
		0.01	202327_S_at		0.01
207707_s_at		0.01	2028 <b>47</b> _at		0.01
1554311_a_at		0.01	202362_at 202378_s_at	1W	0.01
210969 at	1W	0.01	202378 s at	1W	0.01
221638 s at	1 W	0.01	204995_at		0.01
201743 at			206643 at		0.01
			200043_at		
		0.01	202537_at 202527_s_at 202847_at 202362_at 202378_s_at 204995_at 206643_at 209141_at 208923_at 208840_s_at 200743_s_at		0.01
206222_at			208923_at 208840_s_at	1W	0.01
204538_x_at	1W	0.01	2088 <b>4</b> 0 s at	1W	0.01
221239 s at	1W	0.01	200743 s at		0.01
		0.01	200776 s_at		0.01
		0.01	1552977_a_at		
			1332911_a_at		0.01
223781_x_at			201881_s_at		0.01
201055_s_at			201772_at	1W	0.01
208146_s_at	1W	0.01	208407 s at	1W	0.01
229082_at	1W	0.01	225188_at	1W	0.01
50400 at	1 W	0.01	239761 at		0.01
202374_s_at		0.01	222231_s_at	1W	0.01
			222231_S_at		
1569107_s_at		0.01	1570007_at		0.01
1563088_a_at		0.01	2126 <b>4</b> 7_at	1W	0.01
226443_at	1W	0.01	207782_s_at	1W	0.01
1554365 a at	1 W	0.01	223662 x at	1W	0.01
223212 at		0.01	228184 at	1W	0.01
206177 s at			208363 s at		0.01
200177_3_ac	1 1.7	0.01			
206474_at 210005_at	TW	0.01	222821_s_at	1W	0.01
			231897_at	1W	0.01
212106_at	1W	0.01	211797_s_at	1W	0.01
54037 at	1W	0.01	206470 at	1W	0.01
225140_at	1W		20 <b>6245</b> s at	1W	0.01
219833 s at	1W	0.01	224595 at	1W	0.01
	1W	0.01	209253_at		0.01
<del></del>			209253_at	1W	
202279_at	1W	0.01	226075 <u>a</u> t	1W	0.01
206157 <u>a</u> t	1W	0.01	229 <b>045_</b> at	1W	0.01
204392 at	1W	0.01	203434 s at	1W	0.01
1552501_a at	1W	0.01	201367 s at	1W	0.01
211729 x at		0.01	226862 at	1W	0.01
237255 at	114	0.01			
			210772_at	1W	0.01
226925_at	1W	0.01	201027_s_at	1W	0.01
208886_at	1W	0.01	216100_s_at	1W	0.01
209922 at	1W	0.01	202444 s at	1W	0.01
225844 at		0.01	208118 x at	1W	0.01
226901_at		0.01	200648 s at	1W	0.01
220501_40	1 57				
225576_at 233924_s_at	TM	0.01	209162_s_at	1W	0.01
		0.01	220494_s_at	1W	0.01
38069_at	1W	0.01	220349_s_at	1W	0.01
31826 at	1W	0.01	204630 s at	1W	0.01
AFFX-HUMISGF		•	218103_at	1W	0.01
м9793	1W	0.01	224311 s at	1W	0.01
212257_s_at	1W	0.01	225647_s_at	1W	0.01

230887_at	1W	0.01	204102 s at	1W	0.02
205726 at	1W	0.02	223175 s_at	1W	0.02
		0.02	220735 s at	1W	0.02
220888_s_at	, 1 5.7		<del>-</del> -		
208047_s_at		0.02	220925_at	1W	0.02
1558249 s at	1W	0.02	221269 s at	1W	0.02
1552812 a at	1W	0.02	209684 at	1W	0.02
			<b>—</b>		
232084_at		0.02	211612_s_at	1W	0.02
229468_at	IW	0.02	203053_at	1W	0.02
218718_at 234944_s_at	1W	0.02	202946 s at	1W	0.02
234944 s at	1 W	0.02	202971 s at	1W	0.02
213081 at	2 107		<b>-</b> -		
		0.02	2029 <b>44</b> _at	1W	0.02
1554783_s_at	1W	0.02	202065_s_at	1W	0.02
203885_at	1W	0.02	205211_s_at	1W	0.02
242163 at	1W		206788 s at	1W	0.02
242163_at 218399_s_at	1 57				
		0.02	205005_s_at	1W	0.02
218458_at	1W	0.02	209288 s at	1W	0.02
222555 s at	1W	0.02	209306 s at	1W	0.02
		0.02		1W	0.02
226058_at	2 5.7		209034_at		
212553_at	TM	0.02	208735_s_at	1W	0.02
208541_x_at	1W	0.02	209286_at	1W	0.02
201337 s at			209379 <u>s_at</u>	1W	
221443_x_at		0.02		1W	0.02
			208424_s_at		
1557944_s_at			1555355_a_at		0.02
1553055 a at	1W	0.02	200607 s at	1W	0.02
1552772 at	1W	0.02	$155261\overline{3} \ s$ at	1 W	0.02
200782 at		0.02	1553102 a at		
			1553102_a_at		0.02
210092 <u>a</u> t	1W	0.02	201020_at	1W	0.02
155273 <sup>7</sup> s_at	1W	0.02	201457 x at	1W	0.02
208642 s at			201771_at	1W	
203923_s_at			211102 a at		
203925_S_ac	T 44		211102_s_at		
221345_at	1W		222983_s_at	1W	0.02
220235 s at	1W	0.02	223709 s at	1W	0.02
228253 at	1W	0.02	227871_at	1W	0.02
200730 s at	1W	0.02	220146 at	1W	
200730_3_ac					
238638_at	1W	0.02	201971_s_at	1W	0.02
225517_at	1W	0.02	211561 x at	1W	0.02
1568606_at	1W	0.02	225746 at	1W	0.02
228332 s at	1 W	0.02	213704 at	1W	
224797_at	TM	0.02	220096_at	1W	0.02
223887_at 224407_s_at	1W	0.02	201685_s_at	1W	0.02
224407 s at	1W	0.02	218473 s at	1W	0.02
224416_s_at			20 <b>4</b> 521 at		
243500					
243589_at	1W	0.02	217897_at	1W	0.02
242247_at	1W	0.02	221628_s_at	1W	
242814 at	1W	0.02	222782 s at	1W	0.02
47105 at	1W	0.02	226743 at	1W	
230214 at	1W	0.02	218122 s at		
<del></del>				1W	
219787_s_at	1W	0.02	203128_at	1W	0.02
218764 at	1W	0.02	213104 at	1W	0.02
219292 at	1 W	0.02	201943 s at	1W	
214314 s at	1W	0.02	208290 s at		
				1W	
217853_at	1W	0.02	214698_at	1W	0.02
218102_at	1W	0.02	216899 s at	1W	0.02
218127 at	1W	0.02	220800 s at	1W	
218295 s at	1W	0.02			
			204706_at	1W	
218129_s_at	1W	0.02	200950_at	1W	0.02
217810_x_at	1W	0.02	237076 at	1W	0.02
204780 s at	1W	0.02	1553702_at	1W	0.02
203507 at	1W	0.02	230000 20		
			238692_at	1W	
203362_s_at	1W	0.02	218544 <u>s_at</u>	1W	0.02
204010 s at	1W	0.02	216901_s_at	1W	0.02
204661_at	1W	0.02	204687_at	1W	0.02
203909 at	1W	0.02			
			223223_at	1W	0.02
203643_at	1W	0.02	207907_at	1W	0.02

1555785_a_at	1W	0.02	223078_s_at	1W	0.02
1552822_at	1W	0.02	223282 at	1W	0.02
200007 at	1W	0.02	223417 at	1W	0.02
218768_at		0.02	221011 s at	1W	0.02
210700_at	3 147				
205776_at 202523_s_at	TW	0.02	221499_s_at	1W	0.02
		0.02	211941_s_at	1W	0.02
1555830 s at	1W	0.02	210541 s at	1W	0.02
223131 s at	1W	0.02	202650 s at	1W	0.02
	1W	0.02	202416_at	1W	0.02
224918 x at		0.02	202410_40		
224910_X_aL	1W		205594_at 208677_s_at	1W	0.02
204036_at	ΤM	0.02		1W	0.02
228009 <u>x</u> at		0.02	209142_s_at	1W	0.02
205041_s_at	1W	0.02	208996 s at	1W	0.02
	1W	0.02	208137_x_at	1W	0.02
201835 s at	1W	0.02	209362 at	1W	0.02
201033_3_4	1W		_		
		0.02	1559946_s_at		0.02
	1W	0.02	200798_x_at	1W	0.02
217796_s_at	1W	0.02	1552542_s_at	1W	0.02
209674_at 226163_at	1W	0.02	1553723 at	1W	0.02
226163 at	1W	0.02	1555167 s at	1 W	
219174 at	1 W	0.02	1568609 s at		
205346_at			200919_at	1W	
219496_at	1W	0.02	200870_at 201235_s_at 201376_s_at	1W	0.02
220000 at	1W	0.02	201235 s at	1W	0.02
214352 s at	1W	0.02	201376 s at	1W	0.02
219507 at		0.02	201425 at	1W	0.02
206928_at		0.02		1W	0.02
2100520_ac	7.00		201736_s_at		
210951_x_at 57532_at	TW	0.02	201888_s_at		0.02
57532_at	1W	0.02	200929 <u>at</u>	1W	0.02
202435_s_at	1W	0.02	228788_at	1W	0.02
224670_at	1W	0.02	22 <b>6947</b> _at	1W	0.02
201560 at	1W	0.02	227869 at	1W	
201560_at 206472_s_at	1 W	0.02	227869_at 219750_at	1W	
212334 at	1 5-7		219730_ac		
		0.02	219868_s_at	1W	
223787_s_at		0.02	203145_at	1W	0.02
224221_s_at	1W	0.02	202380_s_at	1W	0.02
240288 at	1W	0.02	205708 s at	1W	0.03
241027_at	1W	0.02	207126 x at	1W	0.03
238324_at			218746 at	1W	
212407_at	117	0.02			0.03
212407_at 206220 s at	177	0.02	202663_at	1 W	
			2088 <b>64</b> _s_at		0.03
205750_at		0.02	217893_s_at	1W	0.03
		0.02	228696 at	1W	0.03
208983_s_at	. 1W	0.02	209008 x at	1W	0.03
	1W	0.02	1555106 a at		
224281 s at	1W	0.02	1553514 a at		
223649 s at	1W	0.02	1555470 a at		
			<del></del>		
223584_s_at	1W	0.02	205659_at	1W	
225527_at	1W	0.02	201773_at	1W	0.03
36129 at	1W	0.02	220187 at	1W	0.03
24475 <del>2</del> at	1W	0.02	238199 x at	1W	
238462 at	1W	0.02		1W	0.03
244766_at		0.02			
	1W		207700_s_at	1W	0.03
219734_at	1W	0.02	214550_s_at	1W	0.03
220023_at	1W	0.02	227018_at	1W	0.03
218502_s_at	1W	0.02	205782 at	1W	0.03
218859 s at	1W	0.02	227540 at	1W	0.03
218930_s_at	1W	0.02	206743 s at	1W	0.03
212301 at	1W	0.02			
			220572_at	1W	0.03
213539_at	1W	0.02	210173_at	1W	0.03
213527_s_at	1W	0.02	210786_s_at	1W	0.03
214055_x_at	1W	0.02	231973 s at	1W	0.03
218056 at	1W	0.02	240159 at	1W	0.03
222502_s_at	1W	0.02	211801 x at	1W	0.03
	T 44	5.02	211001_x_ac	T //	0.03

225589 at	1W	0.03	224523 s at	1W	0.03
35626 at	1W	0.03	224046 s at	1W	0.03
$15531\overline{6}2 \times at$			225864_at	1W	0.03
210102 at			224097_s_at	1W	0.03
224368_s_at	7 TAT	0.03	38447 at	1W	0.03
206715 at		0.03	219694_at		
<del>-</del>			219094_at	1W	0.03
1554614_a_at		0.03	219032_x_at	1W	0.03
225189_s_at	1W	0.03	219679_s_at	1W	0.03
214849_at 220936_s_at	lW	0.03	220132_s_at	1W	0.03
220936_s_at	1W	0.03	220386_s_at	1W	0.03
212107_s_at	1W	0.03	219118_at	1W	0.03
207439 s at	1W	0.03	214895 s at	1W	0.03
207117_at	1W	0.03	214544 s at	1W	0.03
202284 s at	1W	0.03	217755 at	1W	0.03
224666_at	1W		217755_at 217725_x_at	1W	0.03
219089 s at	1 W	0.03	217100_s_at	1W	0.03
218817 at			21700_3_at 217094 s at	1W	0.03
202968_s_at 203630_s_at	1 T-7	0.03	217208_s_at	1W	0.03
203630_S_at	1W	0.03	218013_x_at	1W	0.03
210540_s_at			<del></del>	1W	0.03
218247_s_at			204427_s_at	1W	0.03
208707_at	1W	0.03	20 <b>328</b> 5_s_at	1W	0.03
210187_at 210995_s_at	1W	0.03	204037_at 203568_s_at	1W	0.03
			203568_s_at	1W	0.03
1553697_at	1W	0.03	203427_at	1W	0.03
223419 at	1W	0.03	222035 s at	1W	0.03
223419_at 217858_s_at 228454_at	1W	0.03		.1W	0.03
228454 at	1W	0.03		1W	0.03
233106 at	1W	0.03		1W	0.03
243026_x_at			222406 s at	1W	0.03
217353 at	1 W	0.03	222651 s at	1W	0.03
217353_at 214869_x_at	1 147	0.03	222686 s at	1W	0.03
201866 s at	1 147	0.03	222666_S_at 222688_at		
222867 s at				1W	0.03
			212218_s_at	1W	0.03
205173_x_at		0.03	202120_x_at	1W	0.03
219375_at	1W		202567_at	1W	0.03
209728_at		0.03	202978_s_at	1W	0.03
1557227_s_at			205297_s_at	1W	0.03
216252_x_at	1W	0.03	206042_x_at	1W	0.03
207565_s_at 201326 at	1W	0.03	206098_at	1W	0.03
	1W	0.03	208932_at	1W	0.03
235540_at	1W	0.03	207777_s_at	1W	0.03
222115_x_at		0.03	207724 s at	1W	0.03
207464 at	1W	0.03	207654 x at	1W	0.03
222462_s_at	1W	0.03	208151 x at	1W	0.03
217487 x at	1W	0.03	208750 s at	1W	0.03
211948 x at	1W	0.03	209189 at	1W	0.03
217310_s_at	1W	0.03	208654 s at	1W	0.03
227721 at	1W		208264 s at	1W	0.03
204770 at		0.03	209055 s at	1W	0.03
210695 s at		0.03	200719_at	1W	0.03
210423_s_at		0.03	1563863 x at		0.03
201221_s_at	1W	0.03		1W	0.03
217981 s at		0.03			
			<b>– –</b>	1W	0.03
218715_at		0.03	. 1554105_at	1W	0.03
217916_s_at	1W	0.03	200669_s_at	1W	0.03
223819_x_at	1W	0.03	200960_x_at	1W	0.03
217994_x_at	1W	0.03	201781_s_at	1W	0.03
222883_at		0.03	200941_at	1W	0.03
239143_x_at		0.03	1557103_a_at	1W	0.03
209744_x_at	1W	0.03		1W	0.03
34449_at	1W	0.03	1563657_at	1W	0.03
203305_at	1W	0.03	201433_s_at	1W	0.03
226639_at	1W	0.03	207304_at	1W	0.03

218941 at	1W	0.03	202201 at	1W	0.04
224987 at	1W		_	1W	0.04
224907_40					
213063_at 214543_x_at 1553280_at	ΤM	0.03	202081_at	1W	0.04
214543_x_at	1W	0.03	219349_s_at	1W	0.04
1553280 at	1 W	0.03	211136 s at	1W	0.04
214449_s_at	1 147	0.03	204077 x at		
214449_5_ac	T 44	0.03		1W	0.04
200811_at	1W	0.03	207859_s_at	1W	0.04
207332 s at	1W	0.03	215719_x_at	1W	0.04
210188 at	1 TAT	0.03	37793 r_at	1W	
200811_at 207332_s_at 210188_at 1556336_at	1.57	0.03	37793_L_ac		0.04
1556336_at	TM	0.03	208761_s_at	1W	0.04
231858 <u>x</u> at	1W	0.03	212539_at	1W	0.04
1552863 <u>a</u> at		0.03	225754_at	1W	
		0.03		1W	
217729_s_at 1564816_at	T AA				0.04
1564816_at	ΤM	0.03	202820_at 203360_s_at	lW	0.04
221222_s_at	1W	0.03	203360 s at	1W	0.04
229305_at	1W	0.03	225693 s at	1 W	0.04
210165 25	1 147	0.03	<b>—</b> —		
219105_ac	T M	0.03	219190_s_at	1W	0.04
219165_at 206693_at 203194_s_at	1W	0.03		1W	0.04
203194 s at	1W	0.03	201818_at 206536_s_at	1W	0.04
201506 0 5+	7 747	0.03	206536 5 3+	1 147	0.04
201300_5_40	1 5.7				
201386_s_at 203676_at 201604_s_at 238974_at 209774_x_at	TM	0.04	224333_s_at		0.04
201604_s_at	1W	0.04	235202_x_at	1W	0.04
238974 at	1W	0.04	1552344 s at	1 W	0.04
209774 v at	1 147	0.04	204152_s_at		
24600	7.77				0.04
34689_at	ΤM	0.04	1552264_a_at		0.04
15539 <u>2</u> 8_at 232946_s_at 203182_s_at	1W	0.04	55662_at	1W	0.04
232946 s at	1W	0.04	222853 at	1 W	
203182 8 3+	1 TAT	0.04	222853_at 207098_s_at	114	0.01
203102_3_at	1 **				
209038_s_at		0.04	201580_s_at	1W	0.04
205961 s at	1W	0.04	220052 s at	1W	0.04
1568713 a at	1W	0.04		1W	0.04
200736_s_at		0.04	207167 25		
200730_s_ac			207167_at		
223846_at	1W	0.04	202908_at	1W	0.04
213772_s_at	1W	0.04	1555037 a at	1W	0.04
220943_s_at 200897_s_at	1W	0.04	241742_at		0.04
200897 s at	1 W	0.04	209790 at	1 147	0.04
200037_3_ac	2 5.7		209780_at	T VV	0.04
	1W	0.04	1552//3_at	ΤM	0.04
	1W	0.04	209780_at 1552773_at 212919_at	1W	0.04
231059_x_at	1W 1W	0.04	227057 <u>a</u> t	1W	0.04
201156 s at	1 TAT	0.04	221494 25	1 147	0 04
201130_3_ac			221484_at 210846_x_at	TW	0.04
224856_at	1W	0.04	210846_x_at	1W	0.04
231736_x_at	1W	0.04	218106 s at	1W	0.04
219192 at	1W	0.04	213554 s at	1W	0.04
		0.04		1W	0.04
223050_ac	1W 1W				
217852_s_at	TM	0.04		1W	0.04
	1W	0.04	226238 at	1W	0.04
238677 at	1W	0.04	22 <b>4983</b> at	1W	0.04
218610 s at	1W	0.04	224910_at	1W	0.04
216046_at	1W	0.04	236140_at 235296_at	1W	0.04
209452_s_at	1W	0.04	235296 at	1W	0.04
217722 s at	1W	0.04	49077 at	1W	0.04
226314_at	1W	0.04	<del></del>	1W	0.04
34868_at	1W	0.04	218498_s_at	1W	0.04
	1W	0.04	220352 x at	1W	0.04
219384 s at	1W	0.04	219 <b>4</b> 39 at	1W	0.04
	1W	0.04	218932 at	1W	
					0.04
223113_at	ΤM	0.04	218512_at	1W	0.04
209643_s_at	1W	0.04	212763_at	1W	0.04
209643_s_at 209758_s_at	1W	0.04	214221 at	1W	0.04
	1W	0.04	212636_at		
				1W	0.04
1558027_s_at		0.04	213940_s_at	1W	0.04
201348_at	1W	0.04	212720 at	1W	0.04
	1W	0.04	212737_at	1W	0.04
216316 x at	1W	0.04	217868 s at	1W	0.04
210010ac	7.44	U. UI	21/000_S_at	ΤM	0.04

004404	1 57	0.04	225162	1 1.7	0 04
204404_at	1W	0.04	235163_at	1W	0.04
204174_at	1W			1W	
204112 s at	1W	0.04	200898 s at	1W	0.04
204112_s_at 203832_at	1W	0.04		1W	0.04
203843 at	1W	0.04	222652 s at	1W	
203045_46	1 547	0.01		1W	0.04
203656_at 204562_at 223347_at 223343_at	TM	0.04	225401_at		
204562_at	1W	0.04	222922_at	1W	
223347 at	1W	0.04	209158 s at	1W	0.04
223343 at	1W	0.04	224674 at	1W	0.04
222522 x_at	าพ	0.04	34478 at	1W	
		0.04	204160 s at	1W	
222642_s_at					
223217 <u>s</u> at	ΤM	0.04	222768_s_at		0.04
222217_s_at	1W	0.04	201111_at	1 Z	6.57e-06
223431 at	1W	0.04	210053_at	1 Z	6.82e-06
222401 s at	1W	0.04	21 <b>4696</b> at	1 Z	1.02e-05
222625_s_at		0.04			1.02e-05
222023_5_ac			205214_at 220992_s_at		
210818_s_at	TM	0.04	220992_S_at		1.06e-05
209551 <u>a</u> t	1W	0.04	203202_at	1 Z	
209880 s at		0.04	219538_at	1Z	1.78e-05
210154_at	1W	0.04	202613 at	1z	2.31e-05
202593 s at	1 W	0.04	222047 s at		3.31e-05
202593_s_at 202334_s_at	1 147	0.04	203956_at		3.63e-05
202334_S_aL	T W		203936_at		
202051 <u>s</u> at	ΤM	0.04	218577_at		3.65e-05
202742_s_at	1W	0.04	219276_x_at	1 Z	4.15e-05
206828_at 206111_at 205260_s_at	1W	0.04	21 <b>240</b> 5 s at	1 Z	4.49e-05
206111 at	1 W	0.04	22 <b>16</b> 76 s at	1 Z	5.03e-05
205260 a at	1 W	0.04	213524_s_at	1Z	
205200_s_at	7 22	0.04	213324_5_ac		
205047_s_at		0.04	203406_at	1 Z	
206636 <u>a</u> t	1W	0.04	222774_s_at	1Z	
209337 at	1W	0.04	208709 s at	1z	8.76e-05
209337_at 207983_s_at	1.W	0.04	212589 at	1Z	8.89e-05
209344_at	1W	0.04	203428 s at	1 Z	
200617_at	1W	0.04	219594_at	1 Z	
1554014_at 1554455_at	IW	0.04	222204_s_at	1 Z	
1554455_at	1W	0.04	206314_at	1z	
1552472_a_at	1W	0.04	212905_at	1z	1.15e-04
1557915 s at		0.04	212231 at	1z	
		0.04			
200708_at			219634_at 222014_x_at	10	
200824_at		0.04			
1555971_s_at	1W	0.04	220044_x_at	1Z	
201133 s at	1W	0.04	203427_at	1 Z	1.4e-04
201470_at	1W	0.04	218331 s at	1z	1.42022e-04
222573 s at	1W	0.04	212500 at	1Z	1.56e-04
1553587 a at		0.04	211998 at		1.65e-04
				1Z	
224785_at	1W	0.04	121_at	1z	1.71e-04
212974_at	1W	0.04	1555522_s_at	1z	1.73e-04
220774_at	1W	0.04	203846_at	1 Z	1.74e-04
222558 at	1W	0.04	205917 at	1 Z	1.77e-04
209149 s at	1W	0.04	206170 at	1 Z	1.78e-04
221326 s at	1W	0.04	1556743 at		
				1Z	1.79e-04
206807_s_at	1W	0.04	209572_s_at	1 Z	1.8e-04
203935_at	1W	0.04	205094_at	1z	1.91e-04
218583 s at	1W	0.04	214421 x at	1 Z	1.98e-04
212271 at	1W	0.04	200664 s at	1 Z	1.99608e-04
202459_s_at	1W	0.04	225507 at	1Z	2.0e-04
202433_5_aL					
207791_s_at	1W	0.04	205571_at	1Z	2.06e-04
221120_at	1W	0.04	203925_at	1Z	2.13e-04
232953 at	1W	0.04	212918 at	1z	2.14046e-04
229967 at	1W	0.04	219639 x at	1 Z	2.22e-04
221851 at	1W	0.04	203614 at	1Z	2.27e-04
210594_x_at	1W	0.04	201778_s_at	1Z	2.29e-04
205640_at	1W	0.04	202241_at	1z	2.52e-04
203846_at	1W	0.04	237426_at	1 Z	2.67e-04
209514 s at	1W	0.04	211063 s at	1z	2.67e-04
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214866 at
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218527_at
                  2.85309e-04
                                                       1z
              17.
              1z
                  2.93083e-04
                                          221918 at
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                                                            8.08e-04
212774 at
                  2.97e-04
                                          1552536 at
                                                       1z
                                                            8.08e-04
224667 x at
              1Z
                  3.03e-04
                                          218589 at
              1z
                                                       1z
                                                            8.14e-04
209362 at
                                          1552302_at
204700_x_at
                  3.05e-04
                                                       1z
                                                            8.31e-04
              1z
              1z
                  3.16e-04
                                          218379 at
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219980 at
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218889 at
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                                          212483 at
                                                       1z
                                                            8.34e-04
                                          208268 at
                                                       1z
                                                            8.36e-04
221517 s at
              1z
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209798 at
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                  3.24675e-04
                                          230634 x at
                                                       1 Z
                                                            8.39e-04
              1z
                  3.3e-04
                                          220774 at
                                                       1z
                                                            8.41e-04
206976 s at
                  3.47e-04
                                          213694 at
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218446 s at
              1z
                  3.52e-04
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                                                       1Z
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219035 s at
              1z
                                          218595 s at
206222_at
              1z
                  3.52204e-04
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                                                            8.54e-04
219253 at
              1z
                  3.55e-04
                                          200768_s_at
                                                       1Z
                                                            8.54e-04
202863_at
                  3.66482e-04
                                          222133 s at
                                                            8.59554e-04
              1z
                                                       1z
204020_at
                  3.78e-04
                                          1569302 at
                                                            8.63e-04
              12
                                                       1z
                  3.8e-04
                                          212982 at
                                                            8.67e-04
89948_at
              1 %
                                                       1z
                                                            8.71e-04
                  3.85e-04
                                          219495_s_at
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201660_at
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212740 at
                  3.95e-04
                                          242349 at
                                                       1z
                                                            8.73e-04
              1z
210742 at
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                  4.06e-04
                                          202519 at
                                                       1z
                                                            8.75e-04
                                          201699 at
                                                            8.77e-04
202562 s at
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                  4.13e-04
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                                          201669_s_at
212014_x_at
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              1z
                  4.57e-04
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                                          1555411 a at 1Z
                                                            9.04e-04
211795 s at
                  4.66e-04
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                  4.68017e-04
                                          200645 at
                                                       1Z
219506 at
              1z
                                                            9.3e-04
213128 s at
                                          225508 at
                                                        1z
              1Z
                  4.8e-04
206571_s_at
                  4.89991e-04
                                          204994 at
                                                        1Z
                                                            9.36e-04
              1 Z
214061 at
                                          207500 at
              1Z
                  5.00074e-04
                                                        1z
                                                            9.37e-04
                                          243981 at
                                                            9.57e-04
201819 at
              1Z
                  5.16e-04
                                                        1 Z
                                          201807 at
208841_s_at
                  5.3e-04
                                                            9.58e-04
              1Z
                                                        1 z
                                          1556059_s_at 1Z
                                                            9.74e-04
212630 at
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                  5.30581e-04
                                                            9.78e-04
204099 at
              1Z
                  5.38e-04
                                          212199 at
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219392_x_at
              1Z
                  5.42e-04
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                                                        1z
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                                                            9.93e-04
204698 at
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                  5.65e-04
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225487_at
211822_s_at
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                  5.75e-04
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                                                        1z
                                                           9.99e-04
                                          202983 at
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                                          201739 at
200670 at
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200052_s_at
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                  5.89524e-04
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                                                        1Z
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229312_s_at
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221277_s_at
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                                          201930_at
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219383_at
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                  6.64e-04
                                          202100 at
                                                        1z
                                                            1.135435e-03
202850_at
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                                          202021_x_at 1Z
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                                                            1.146357e-03
201487 at
              1z
                                          218703_at
                                                            1.149381e-03
                  6.99e-04
              1z
                                                        1z
217892_s_at
209272_at
              1 Z
                  6.99e-04
                                          1567214 a at 12
                                                            1.173029e-03
                                          208313_s_at 1Z
                                                            1.175834e-03
242838 at
              1 Z
                  7.12e-04
                                                            1.180297e-03
              1 Z
                  7.14e-04
                                                        1z
218432 at
                                          205241 at
                                                        1Z
                                                            1.183953e-03
1553155 x at 1Z
                  7.16e-04
                                          238722 x at
209350 s at
              1Z
                  7.2e-04
                                          213650 at
                                                        1z
                                                           1.233352e-03
212130 x at
              1Z
                  7.53e-04
                                          205930 at
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                                                           1.235149e-03
              1z
                  7.77998e-04
                                          200871 s at
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                                                           1.238863e-03
205063 at
              1 Z
                  7.89e-04
                                          210283 x at
                                                        1z
                                                           1.24359e-03
208986 at
222077 s at
              1Z
                  7.90028e-04
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                                                           1.253518e-03
                                           218319 at
                                                        1 Z
                                                            1.261102e-03
37943 at
              1z
                  7.9484e-04
                                           200940 s at
218128_at
              1 Z
                  7.95e-04
                                           204001 at
                                                        1 Z
                                                            1.26959e-03
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221873_at	1Z	1.294325e-03	216199_s_at	1Z	1.976208e-03
212753 at	1Z	1.2966e-03	218056 at	1 Z	1.977451e-03
220113 x at	1 Z	1.30346e-03	226387 at	1 Z	1.982286e-03
217902_s_at	1z	1.317627e-03	239660 <u>a</u> t	1Z	1.990437e-03
219343 at	1Z	1.322656e-03	222728 s at	1Z	2.002722e-03
218805 at	1Z	1.346601e-03	220046 s at	1Z	2.007457e-03
201726 at					
	1Z	1.356366e-03	218185_s_at	1Z	2.020259e-03
202930_s_at	1Z	1.357971e-03	1570571_at	1z	2.077948e-03
203048 s at	1Z	1.371745e-03	1553186 x at	1 Z	2.080734e-03
202258 s at	1Z	1.376495e-03	201567 s at	1Z	2.09006e-03
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200049 at	1Z	1.383571e-03	219243 at	1z	2.135712e-03
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212227 x at	1Z	1.447993e-03	213988 s at	1Z	2.189441e-03
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220302 at	1z	1.483938e-03	213859 x at	1z	2.241121e-03
223697 x at	1Z	1.491298e-03	236728 at	1Z	2.246637e-03
221778 at	1Z	1.500662e-03	203574 at	1Z	2.246813e-03
208985_s_at	1Z	1.522432e-03	203363_s_at	1z	2.253767e-03
220704 at	1Z	1.524356e-03	218963 s at	1z	2.259004e-03
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212615_at	1z	1.554293e-03	209430 at	1 Z	2.321828e-03
204739 at	1Z	1.558911e-03	221704 s at	1Z	2.33901e-03
200694 s at	1 Z	1.572774e-03	206723 s at	1z	2.341911e-03
202430_s_at	1Z	1.574144e-03	241715_x_at	1Z	2.353771e-03
202978 s at	1z	1.60008e-03	210172 at	1z	2.372251e-03
211661 x at	1 Z	1.601164e-03	206959 s at	1 Z	2.374649e-03
215338 s at					
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225616_at	1Z	1.608549e-03	208975_s_at	1z	2.411633e-03
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236953 s at	1z	1.621933e-03	218716 x at	1z	2.43204e-03
209067 s at					
	1 Z	1.625819e-03	202568_s_at	1 Z	2.432774e-03
220421_at	1Z	1.643563e-03	203947_at	1z	2.434358e-03
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210279_at	1 Z	1.684297e-03	202051_s_at	1 Z	2.495304e-03
220918_at	1Z	1.700671e-03	204676_at	1z	2.509755e-03
204520 x at	1Z	1.730301e-03	218955 at	1 Z	2.51553e-03
220712 at	1Z	1.73618e-03	225592 at	1z	2.520991e-03
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206546_at	1Z	1.754832e-03	203893_at	1z	2.534773e-03
37652 at	1 Z	1.762002e-03	202892 at	1z	2.537405e-03
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224852_at	1 Z	1.791723e-03	227268_at	1z	2.550748e-03
33304_at	12	1.815519e-03	209069_s_at	1 Z	2.558427e-03
22722 <del>3</del> at	1Z	1.820403e-03	218362 s at	1 Z	2.562549e-03
219913_s at	1 Z	1.822474e-03	202379 s at	1z	2.566484e-03
1555241_at	1z	1.829589e-03	204449_at	1 Z	2.570439e-03
220940 at	1 Z	1.833765e-03	213185 at	1 Z	2.594454e-03
229903 x at	1 Z	1.843856e-03	200669 s at	1 Z	2.600173e-03
		1.859719e-03			
217499_x_at	1 Z		203945_at	1Z	2.603461e-03
201012_at	1 Z	1.883992e-03	209828_s_at	1Z	2.612022e-03
217722 s at	1z	1.907204e-03	203127 s at	1 Z	2.619718e-03
207387 s at	1 Z	1.908226e-03	227101 at	1 Z	2.624963e-03
203711_s_at	1 Z	1.916686e-03	211711_s_at	1 Z	2.626782e-03
212796_s_at	1 Z	1.917132e-03	226868_at	1 Z	2.627522e-03
205171 at	1 Z	1.920214e-03	208130 s at	1 Z	2.631832e-03
203102 s at	1Z	1.946724e-03	212616 at	1Z	2.658424e-03
207339_s_at	1Z	1.948706e-03	1555243_x_at		2.669308e-03
204751_x_at	1Z	1.95633e-03	214937_x_at	1 Z	2.670851e-03

204127 5+	1 Z	2.67295e-03	204608_at	1z	3.342785e-03
204137_at					
204790_at	1 Z	2.675314e-03	242408_at	1Z	3.343411e-03
232048 at	1 Z	2.676898e-03	217903 at	1 Z	3.361203e-03
201450 s at	1 Z	2.698162e-03	216902 s at	1 Z	3.368567e-03
225957 at	1Z	2.700914e-03	218927 s at	1Z	3.37469e-03
209005_at	1 Z	2.723307e-03	208843_s_at	1Z	3.400856e-03
201589_at	1z	2.755069e-03	201965 s at	1z	3.402898e-03
204935 at	1z	2.772709e-03	212831 at	1z	3.426602e-03
209369 at	1Z	2.773e-03	202763 at	1 Z	3.445333e-03
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212696_s_at	1Z	2.787714e-03	210463_x_at	1 Z	3.44536e-03
221158_at	1z	2.801794e-03	219279_at	1Z	3.453515e-03
201503 at	1z	2.817793e-03	219810 at	1z	3.492851e-03
228512 at	1z	2.822117e-03	213669 at	1Z	3.493037e-03
	1Z	2.822746e-03	201502_s_at	1Z	3.495035e-03
200045_at					
219133_at	1z	2.839436e-03	218049_s_at	1Z	3.52811e-03
213280 at	1z	2.86197e-03	20 <b>4494</b> s at	1Z	3.55488e-03
1553292_s_at	1z	2.868905e-03	201713 s at	1z	3.58079e-03
227490 at	1Z	2.883234e-03	200765 x at	1 Z	3.622689e-03
202127_at	1Z	2.890996e-03	218943_s_at	1Z	3.633983e-03
203159_at	1Z	2.938624e-03	205 <b>4</b> 52_at	1Z	3.637799e-03
203063_at	1z	2.950898e-03	218 <b>414</b> s_at	1 Z	3.643862e-03
211102 s at	1 Z	2.975681e-03	218842 at	1Z	3.652166e-03
1563497_at	1 Z	2.976986e-03	201522 x at	1 Z	3.656032e-03
220255_at	1Z	2.988643e-03	200839_s_at	1 Z	3.665951e-03
1553693_s_at	1 Z	3.000109e-03	223413_s_at	1Z	3.672126e-03
219678 x at	1Z	3.024332e-03	$1554770 \times at$	1 Z	3.685866e-03
212036 s at	1z	3.028245e-03	201174 s at	1Z	3.709368e-03
201486 at	1z	3.049295e-03	202786 at	1Z	3.72669e-03
201800 s at	1Z	3.053478e-03	202074_s_at	1 Z	3.741044e-03
			202074_5_at		
202502_at	1Z	3.069576e-03	211033_s_at	1 Z	3.746156e-03
224789_at	1Z	3.07e-03	217877_s_at	1Z	3.749844e-03
204960 at	1Z	3.076549e-03	204510 at	1z	3.758349e-03
241672_at	1z	3.093917e-03	202142 at	1z	3.762523e-03
204193 at	1 Z	3.106622e-03	219303 at	1 Z	3.765073e-03
219644 at	1Z	3.107882e-03	200626 s at	1Z	3.775497e-03
208891_at	1z	3.120356e-03	217783_s_at	1Z	3.778815e-03
206 <b>4</b> 72_s_at	1z	3.12075e-03	228556_at	1Z	3.811528e-03
32259_at	1z	3.12558e-03	205565_s_at	1Z	3.820582e-03
213304 at	1z	3.126401e-03	204258 at	1z	3.849729e-03
209835 x at	1z	3.136735e-03	155560 <del>6</del> a at	1 Z	3.852066e-03
201437 s at	1Z	3.137482e-03	218023 s at	1Z	3.856368e-03
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206115_at	1Z	3.137898e-03	200877_at	1Z	3.865209e-03
214306_at	1z	3.157422e-03	209287_s_at	1 Z	3.870265e-03
217987 at	1Z	3.168339e-03	202820 at	1Z	3.873706e-03
. 213624 at	1Z	3.182326e-03	204645 at	1Z	3.881898e-03
221432 s at	1Z	3.222556e-03	202375 at	1 Z	3.888294e-03
206100 at	1Z	3.233378e-03	207559 s at	1 Z	3.907787e-03
201963_at	1Z	3.235013e-03	221899_at	1 Z	3.960283e-03
210389_x_at	1Z	3.238614e-03	202309_at	1 Z	3.966649e-03
202886 s at	1z	3.242347e-03	218282 at	1z	3.969175e-03
219787 s at	1 Z	3.247966e-03	156959 <del>1</del> a at	1 <i>7</i> .	3.998518e-03
238642 at	1 Z	3.259351e-03	218518 at	1 Z	3.999101e-03
			_		
236274_at	1Z	3.265105e-03	222035_s_at	1 Z	4.015581e-03
205584_at	1 Z	3.265691e-03	208707_at	1Z	4.047971e-03
221516 s at	1z	3.269371e-03	220399_at	1Z	4.049193e-03
1556744 a at	1z	3.271365e-03	211590 x at	1 Z	4.058473e-03
226448 at	1Z	3.276138e-03	204622 x at	12	4.061355e-03
226163 at	1Z	3.282898e-03	204832 s at	1 Z	4.065133e-03
217830_s_at	1Z	3.30118e-03	238793_at	1 Z	4.069392e-03
201244_s_at	1Z	3.303276e-03	219434_at	1 Z	4.122954e-03
201672_s_at	1z	3.30847e-03	204393_s_at	1 Z	4.134758e-03
202657 s at	1z	3.314124e-03	39313 at	1Z	4.135827e-03
201832 s at	1Z	3.32647e-03	209418  s at	1 Z	4.136447e-03
203327 at	1Z	3.327353e-03	212295 s at	1Z	4.143924e-03
	- 4	0.00.0000			

202911 at	1 Z	4.154421e-03	203561 at	1 Z	5.089233e-03
214438 at	1 Z	4.182411e-03	219540 at	1Z	5.09463e-03
202122 s at	1 Z	4.200072e-03	209020 at	1Z	5.104024e-03
208076 at	1 Z	4.201785e-03	226939 at	1Z	5.121073e-03
33322 i at	1 Z	4.238944e-03	224865 at	1Z	5.121073e-03
218972 at	1z	4.247122e-03	225649_s_at	1Z	5.121073e-03
202535 at	12	4.273905e-03	226975 at	1Z	5.121073e-03
202935_dc 205986 at	1 Z	4.289739e-03	227598 at	1Z	5.121073e-03
218428 s at	1Z	4.300305e-03	226239 at	1Z	5.121073e-03 5.121073e-03
215165 x at		4.303642e-03	227016 at	1Z	5.121073e-03 5.121073e-03
	1Z				
209539_at	1 Z	4.338485e-03	224504_s_at	1Z	5.121073e-03
204055_s_at	1 Z	4.351526e-03	224984_at	1Z	5.121073e-03
218429_s_at	12	4.366756e-03	225859_at	1Z	5.121073e-03
219027_s_at	1 Z	4.377663e-03	225524_at	1Z	5.121073e-03
212006_at	1 Z	4.383598e-03	227855_at	1Z	5.121073e-03
205097_at	1 Z	4.398345e-03	224630_at	1Z	5.121073e-03
233819_s_at	1 Z	4.398491e-03	227693_at	1Z	5.121073e-03
201849_at	1 Z	4.409111e-03	225537_at	1z	5.121073e-03
209421_at	1z	4.418134e-03	226786_at	1z	5.121073e-03
212786_at	1 Z	4.425898e-03	22 <b>6757_a</b> t	1z	5.121073e-03
221522_at	1 Z	4.429887e-03	225351_at	1Z	5.121073e-03
213940_s_at	1 Z	4.432854e-03	226119_at	1Z	5.121073e-03
220509_at	1 Z	4.437892e-03	238 <b>59</b> 3_at	1z	5.121073e-03
36030 at	1 Z	4.44444e-03	37796 at	1Z	5.121073e-03
20529 <del>6</del> at	1z	4.46173e-03	$23916\overline{3}$ at	1z	5.121073e-03
209780 at	1z	4.473957e-03	236621 at	1z	5.121073e-03
202451 at	1z	4.496321e-03	228291 s at	1 Z	5.121073e-03
221079 s at	1 Z	4.557612e-03	227920 at	1Z	5.121073e-03
205099 s at	1 Z	4.567293e-03	231718 at	1Z	5.121073e-03
222103 at	1 Z	4.57399e-03	228308 at	1Z	5.121073e-03
201873 s at	1 Z	4.583651e-03	231747 at	1Z	5.121073e-03
219240 s at	1 Z	4.588713e-03	230141 at	1Z	5.121073e-03
220925 at	1 Z	4.59889e-03	244756 at	1Z	5.121073e-03
208363 s at	1 Z	4.603685e-03	231578 at	1Z	5.121073e-03
213528 at	1 Z	4.610648e-03	234631 at	1Z	5.121073e-03
202853 s at	1 Z	4.617185e-03	228751 at	1Z	5.121073e-03
220239 at	1Z	4.641386e-03	238346 s at	1Z	5.121073e-03
200999 s at	1 Z	4.647805e-03	78047 s at	1Z	5.121073e 03 5.121073e-03
200333_3_dc 209161 at	1z	4.653897e-03	54051 at	1Z	5.121073e-03
204642 at	1Z	4.67822e-03	219957 at	1Z	5.121073e 03 5.121073e-03
36711 at	1Z	4.685659e-03	220023 at	1Z	5.121073e-03 5.121073e-03
210088 x at	1Z	4.686522e-03	218845 at	1Z	5.121073e-03 5.121073e-03
			218803 at		
217931_at	1Z	4.698151e-03		1Z	5.121073e-03
215109_at	1Z	4.746375e-03	218769_s_at	1Z	5.121073e-03
207365_x_at	1Z	4.760708e-03	220326_s_at	1Z	5.121073e-03
217792_at	1Z	4.761912e-03	218683_at	1Z	5.121073e-03
208990_s_at	1Z	4.784426e-03	219512_at	1Z	5.121073e-03
218221_at	1Z	4.79851e-03	218532_s_at	1 Z	5.121073e-03
206765_at	12	4.801571e-03	220252_x_at	1Z	5.121073e-03
213140_s_at	1Z	4.819265e-03	212629_s_at	1Z	5.121073e-03
225180_at	1Z	4.822368e-03	212785_s_at	1Z	5.121073e-03
203302_at	1 Z	4.839618e-03	213224_s_at	1 Z	5.121073e-03
213506_at	1 Z	4.853343e-03	213387_at	1z	5.121073e-03
219843_at	1 Z	4.863144e-03	218030_at	1Z	5.121073e-03
203465_at	1 Z	4.868315e-03	217502_at	1Z	5.121073e-03
203008_x_at	1Z	4.87152e-03	218205_s_at	1 Z	5.121073e-03
203171_s_at	12	4.876815e-03	218130_at	1 Z	5.121073e-03
215838_at	1Z	4.903187e-03	218354_at	1 Z	5.121073e-03
204054_at	1Z	4.962922e-03	217547_x_at	1 Z	5.121073e-03
204249_s_at	1Z	4.969251e-03	218437_s_at	1 Z	5.121073e-03
208021_s_at	1 Z	5.00929e-03	203513_at	1 Z	5.121073e-03
207730_x_at	1Z	5.044982e-03	203624_at	1 Z	5.121073e-03
205590_at	1Z	5.054257e-03	203743_s_at	1Z	5.121073e-03
208106 x at	1Z	5.07781e-03	203900 at	1Z	5.121073e-03
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203371_s_at	1 Z	5.121073e-03	200667_at	1z	5.304205e-03
203651 at	1 Z	5.121073e-03	213622 at	1 Z	5.343136e-03
204034 at	1 Z	5.121073e-03	202611_s_at	1 Z	5.356838e-03
221696 s at	1 Z	5.121073e-03	203611 at		
				1 Z	5.388529e-03
222523_at	1 Z	5.121073e-03	204117_at	1 Z	5.453307e-03
221044_s_at	1Z	5.121073e-03	218641 at	1z	5.463189e-03
221499_s_at	1z	5.121073e-03	203575 at	1 Z	5.468886e-03
222687 s at	1Z	5.121073e-03	202391 at	1Z	5.474672e-03
220746 s at	1Z				
		5.121073e-03	212369_at	1 Z	5.482401e-03
222667_s_at	1z	5.121073e-03	218170_at	1 Z	5.499196e-03
222721_at	1Z	5.121073e-03	223570 at	1 Z	5.524012e-03
209579 s at	1z	5.121073e-03	218363 at	1 Z	5.530402e-03
212208 at	1 Z	5.121073e-03	212381 at	1 Z	5.533128e-03
210556 at	1Z	5.121073e-03	212855 at	1Z	5.534212e-03
211316_x_at	1Z	5.121073e-03	209184_s_at	1 Z	5.54646e-03
212129_at	1 Z	5.121073e-03	213743_at	1 Z	5.551657e-03
212118_at	1Z	5.121073e-03	214048_at	1 Z	5.561332e-03
202951 at	1Z	5.121073e-03	201519 at	1 Z	5.584306e-03
202947 s at	1Z	5.121073e-03	202 <b>4</b> 91 s at	1 Z	5.612699e-03
203169 at	1Z	5.121073e-03	212502 at	1Z	
<del>-</del>			<del></del>		5.640089e-03
203168_at	1 Z	5.121073e-03	206177_s_at	1 Z	5.663295e-03
202034_x_at	1 Z	5.121073e-03	211395_x_at	1 Z	5.673718e-03
202104_s_at	1z	5.121073e-03	223792 at	1 Z	5.69183e-03
202263 at	1Z	5.121073e-03	242470 at	1 Z	5.69183e-03
205270 s at	1 Z	5.121073e-03	236006 s at	1 Z	5.69183e-03
205227 at	1Z	5.121073e-03	45288 at		
				1 Z	5.69183e-03
206169_x_at	1Z	5.121073e-03	235006_at	1 Z	5.69183e-03
206993_at	1Z	5.121073e-03	220244_at	1 Z	5.69183e-03
205370 x at	1Z	5.121073e-03	204706 at	1z	5.69183e-03
205546 s at	1z	5.121073e-03	203554 x at	1 Z	5.69183e-03
206586 at	1z	5.121073e-03	203744 at	1z	5.69183e-03
208137 x at	1Z	5.121073e-03	1560821 at		
				1 Z	5.69183e-03
208854_s_at	1 Z	5.121073e-03	201027_s_at	1z	5.705293e-03
207713_s_at	1z	5.121073e-03	219008_at	1 Z	5.722771e-03
208933_s_at	1Z	5.121073e-03	207224 s_at	1 Z	5.77258e-03
208916 at	1z	5.121073e-03	201339 s at	1z	5.836997e-03
208989 s at	1 Z	5.121073e-03	217559 at	1 Z	5.847506e-03
209165 at	1Z	5.121073e-03	203712 at	1 Z	5.850904e-03
209352_s_at	1Z	5.121073e-03	222082_at	1 Z	5.887975e-03
1553955_at	1Z	5.121073e-03	216054_x_at	1 Z	5.936109e-03
1553165_at	1 z	5.121073e-03	212016 s at	1 Z	5.978394e-03
1553252 a at	1z	5.121073e-03	219342 at	1 Z	6.011536e-03
1552930 at	1 Z	5.121073e-03	218846 at	1 Z	6.026841e-03
1552644 a at		5.121073e-03	220684 at	1z	6.069451e-03
1552942_at	1Z	5.121073e-03	210285_x_at	1Z	6.073946e-03
1553274_a_at		5.121073e-03	209919_x_at	1 Z	6.083321e-03
1552343_s_at	1z	5.121073e-03	202860_at	1 Z	6.087455e-03
1558111 at	1Z	5.121073e-03	202971 s at	1 Z	6.101594e-03
1558956 s at	1Z	5.121073e-03	204847 at	1 Z	6.112154e-03
1554316 at	1Z	5.121073e-03	202184 s at	12	6.126137e-03
1553181_at	1Z	5.121073e-03	201889_at	1 Z	6.138321e-03
1569385_s_at	1 Z	5.121073e-03	213291_s_at	1 Z	6.142072e-03
1553153_at	1Z	5.121073e-03	217985 s at	1 Z	6.229436e-03
201191 at	12	5.121073e-03	208835 s at	1 Z	6.241854e-03
201102 s at	1 Z	5.121073e-03	212653 s at	1 Z	6.255975e-03
201924 at	1Z	5.121073e-03	226452 at	12	6.278275e-03
			_		
201876_at	1Z	5.121073e-03	211997_x_at	1 Z	6.283404e-03
201736_s_at	1Z	5.121073e-03	209884_s_at	1 Z	6.319999e-03
212709_at	1Z	5.175929e-03	208848_at	1 Z	6.331215e-03
202069 s at	1Z	5.200955e-03	208702 x at	1 Z	6.336101e-03
217957 at	1Z	5.201645e-03	202557 at	1 Z	6.337914e-03
218924 s at	1Z	5.22465e-03	219635 at	1Z	
219286 s at					6.34748e-03
	1Z	5.289086e-03	203362_s_at	1 Z	6.367977e-03
207659_s_at	1 Z	5.296609e-03	202126_at	1 Z	6.371623e-03

			006000		
208184_s_at	1 Z	6.383211e-03	206308_at	1Z	7.641517e-03
218492_s_at	1z	6.448963e-03	38269_at	1 Z	7.652561e-03
218474 s at	1Z	6.45081e-03	$21268\overline{4}$ at	1 Z	7.660528e-03
212220_at	1z	6.473123e-03	221 <b>4</b> 92_s_at	1 Z	7.665554e-03
53968 at	1z	6.4813e-03	202642 s at	1 Z	7.673617e-03
$21943\overline{3}$ at	1Z	6.497476e-03	215667 x at	1 Z	7.729366e-03
203073_at	1z	6.518561e-03	208633_s_at	1 Z	7.732846e-03
211366 x at	1Z	6.518587e-03	212633 at	1z	7.777373e-03
205783 at		6.533239e-03	217492 s at	1 Z	7.799899e-03
_	1 Z				
203067_at	1z	6.547603e-03	37950_at	1 Z	7.818306e-03
201436 at	1 Z	6.551447e-03	203288 at	1z	7.825136e-03
			205541_s_at	1 Z	7.833749e-03
213149_at	1Z	6.58698e-03			
208882 s at	1z	6.58892e-03	211594 s_at	1Z	7.848692e-03
203337 x at	1 Z	6.592957e-03	212316 at	1 Z	7.888124e-03
			202353 s at		
218594_at	1 Z	6.602222e-03		1 Z	7.892509e-03
226828 s at	1Z	6.602656e-03	221208 s at	1Z	7.949252e-03
216061 x at	1Z	6.602656e-03	212296 at	1 Z	7.957642e-03
210504 at	1 Z	6.602656e-03	209 <b>4</b> 67 s at	1 Z	8.040074e-03
1569714_at	1Z	6.602656e-03	201395_at	1Z	8.05076e-03
1552348 at	1z	6.602656e-03	218729 at	1z	8.055149e-03
221139 s at	1z	6.625723e-03	202303_x_at	1z	8.055567e-03
208442 <u>s</u> at	1z	6.642865e-03	238596_at	1 Z	8.072063e-03
202014 at	1 Z	6.644011e-03	201112 s at	1z	8.074821e-03
215629 s at	1 Z	6.689768e-03	221229 s at	1Z	8.102024e-03
218152_at	1Z	6.704575e-03	218962_s_at	1Z	8.119328e-03
205961 s at	1z	6.740339e-03	206026 s at	1Z	8.121969e-03
212360 at	1Z	6.747206e-03	208663 s at	1Z	8.195111e-03
			217993 s at		
205078_at	1z	6.761609e-03		1 Z	8.226399e-03
217835_x_at	1z	6.765942e-03	220137_at	1z	8.237354e-03
202537 s at	1Z	6.771899e-03	219672 at	1Z	8.237354e-03
219870 at	1Z	6.8125e-03	215228 at	1Z	8.237354e-03
			<del>-</del>		
203481_at	1Z	6.825903e-03	20387 <b>4</b> _s_at	1Z	8.247063e-03
211164 at	1z	6.843774e-03	209175 at	1 Z	8.270219e-03
218882_s_at	1 Z	6.869938e-03	201663 s at	1 Z	8.271555e-03
			<del>-</del> -		
218189_s_at	1z	6.886812e-03	20 <b>4949_</b> at	1Z	8.274121e-03
200783 s at	1z	6.897168e-03	1563455 at	1z	8.283932e-03
202446 s at	1 Z	6.905551e-03	2027 <b>4</b> 2 s at	1 Z	8.285753e-03
		6.941774e-03		1 Z	8.300496e-03
211784_s_at	1 Z		226333_at		
208742_s_at	1Z	6.991595e-03	219862 <u>s</u> at	1 Z	8.303482e-03
202638 s at	1 Z	7.02205e-03	209585 s at	1z	8.339292e-03
200816 s at	1Z	7.085565e-03	218771 at	1 Z	8.341635e-03
219104_at	1z	7.089021e-03	218017_s_at	1 Z	8.358377e-03
208863_s_at	1Z	7.095036e-03	219017 at	1Z	8.361549e-03
205068 s at	1z	7.105776e-03	218950 at	1 Z	8.3968e-03
			<del></del>	12	8.400719e-03
207078_at	1 Z	7.169613e-03	218284_at		
219641_at	1Z	7.175e-03	217956_s_at	1z	8.402161e-03
216397_s_at	1z	7.205669e-03	212736 at	1 Z	8.477454e-03
201591 s at	1 Z	7.218323e-03	201877 s at	1 Z	8.486664e-03
218302_at	1z	7.220329e-03	214163_at	1 Z	8.490109e-03
202979 s at	1Z	7.276854e-03	200701 at	1 Z	8.49025e-03
209712 at	1 Z	7.280543e-03	202594 at	1 Z	8.515172e-03
			<del></del>		
207275_s_at	1 Z	7.292338e-03	218104_at	1 Z	8.522571e-03
227624_at	1 Z	7.325827e-03	219544_at	1 Z	8.524456e-03
228999 <u>a</u> t	1 Z	7.344552e-03	202458 at	1 Z	8.535544e-03
201529 s at			_		
	1Z	7.347162e-03	205198_s_at	1Z	8.540601e-03
204109_s_at	1 Z	7.365785e-03	218214_at	1z	8.557385e-03
235327 x at	12	7.40456e-03	217167 <sup>-</sup> x at	1 Z	8.574612e-03
209682 at	1Z	7.419476e-03	205804 s at	1 Z	8.631359e-03
218332_at	1 Z	7.447947e-03	201647_s_at	1 Z	8.645265e-03
202295 s at	1 Z	7.461926e-03	201534 s at	1 Z	8.654843e-03
228001 at	1Z	7.491964e-03	240114 s at	1 Z	8.680648e-03
219470_x_at	1Z	7.533375e-03	208451_s_at	1Z	8.683469e-03
228318_s_at	1 Z	7.541822e-03	220951_s_at	1 Z	8.686758e-03
215716 s at	1z	7.62337e-03	221826 at	1 Z	8.693322e-03
			<b></b>		

```
8.723268e-03
202757 at
                                           212804 s at
                                                             9.908351e-03
              1z
                                                         1z
212250 at
                                           219698_s_at
                  8.725631e-03
              1z
                                                         1z
                                                             9.920311e-03
208498 s at
              1Z
                  8.759647e-03
                                           202569 s at
                                                         1z
                                                             9.920333e-03
218605 at
              1z
                  8.763647e-03
                                           205758 at
                                                         1z
                                                             9.923732e-03
                                           200814_at
208957_at
              1z
                  8.798839e-03
                                                         1z
                                                             9.927339e-03
203026_at
              1 Z
                  8.799681e-03
                                           217885_at
                                                         1z
                                                             9.93052e-03
                                           210779_x_at
                                                         1Z
209648_x_at
              1z
                  8.803449e-03
                                                             0.01
221698_s_at
              1z
                  8.809186e-03
                                           219812_at
                                                         1 Z
                                                             0.01
227485_at
              1 Z
                  8.821412e-03
                                           213971_s_at
                                                         1z
                                                             0.01
214894_x_at
              1z
                  8.861328e-03
                                           225526_at
                                                         1Z
                                                             0.01
                                           206295_at
                                                         1z
                                                             0.01
202981 x_at
              1z
                  8.865323e-03
206134 at
              1z
                  8.890274e-03
                                           1552287_s_at 1Z
                                                             0.01
218371_s_at
                  8.909554e-03
                                           219200 at
                                                         1z
                                                             0.01
              1 Z
204860_s_at
              1z
                  8.933544e-03
                                           213572_s_at
                                                         1z
                                                             0.01
                  8.944015e-03
219487 at
              1z
                                           221808 at
                                                         1Z
                                                             0.01
208727_s_at
              1 Z
                  8.94548e-03
                                           206729 at
                                                         1Z
                                                             0.01
                                           219593 at
                                                             0.01
218179 s at
              1z
                  8.97057e-03
                                                         1Z
203707 at
              1z
                  8.978396e-03
                                           234403 at
                                                         1z
                                                             0.01
202153 s at
              1z
                  8.979854e-03
                                           204155 s at
                                                         1z
                                                             0.01
201250 s at
              1z
                  9.007666e-03
                                           201834 at
                                                         1z
                                                             0.01
202809 s at
              1z
                  9.042776e-03
                                           203745 at
                                                         1z
                                                             0.01
201479 at
              1z
                  9.047507e-03
                                           201370 s at
                                                             0.01
212860 at
              1z
                  9.047875e-03
                                           211612 s at
                                                             0.01
33323 r at
                  9.061142e-03
                                           207483 s at
                                                         1 Z
                                                             0.01
209302 at
              1 Z
                  9.06436e-03
                                           219362 at
                                                         1z
                                                             0.01
220235 s at
                  9.073192e-03
                                           204139 x at
                                                             0.01
              1z
                                                         1z
                  9.096126e-03
                                           54037 at
                                                             0.01
210395 x at
              1z
                                                         1z
                                           202373 s at
202207 at
              1z
                  9.112584e-03
                                                         1z
                                                             0.01
218696 at
              1z
                  9.165746e-03
                                           218258 at
                                                         1z
                                                             0.01
205340 at
              1z
                  9.178459e-03
                                           221652_s_at
                                                         1z
                                                             0.01
208238 x at
              1z
                  9.258857e-03
                                           235684_s_at
                                                         1 Z
                                                             0.01
218660 at
              1z
                  9.282391e-03
                                           212789 at
                                                         1z
                                                             0.01
226465 s at
              1z
                  9.295788e-03
                                           204957 at
                                                         1z
                                                             0.01
209252 at
              1Z
                  9.314936e-03
                                           210985 s at
                                                         1z
                                                             0.01
34031 i at
              1z
                  9.335973e-03
                                           205004 at
                                                         1z
                                                             0.01
20649\overline{2} at
              1z
                  9.338281e-03
                                           210166 at
                                                         1z
                                                             0.01
209026 x at
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                  9.374726e-03
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                                                         1z
                                                             0.01
218256_s_at
                  9.378453e-03
                                           222108 at
                                                             0.01
              1z
                                                         1z
202990 at
                  9.455684e-03
                                           223961_s_at
                                                             0.01
              1z
                                                         1 \,\mathrm{Z}
202551_s_at
                  9.462357e-03
                                           212184_s_at
                                                             0.01
              1Z
                                                         1Z
                                           213473_at
218419_s_at
              1Z
                  9.521947e-03
                                                         1z
                                                             0.01
205407 at
                  9.525262e-03
                                           201040 at
              12
                                                         1z
                                                             0.01
204554 at
              12
                  9.532805e-03
                                           212397_at
                                                             0.01
                                                         1z
209974_s_at
                  9.573054e-03
                                           217165 x at
                                                             0.01
              1z
                                                         1z
214172 x at
                                           217831 s at
              1 z
                  9.610455e-03
                                                         1z
                                                             0.01
218633 x at
                  9.62564e-03
                                           207758 at
                                                         1Z
              1z
                                                             0.01
209520 s at
                  9.628534e-03
                                           220610_s_at
              1z
                                                         1z
                                                             0.01
200078_s_at
                  9.670599e-03
                                           219315_s at
                                                             0.01
              1 Z
                                                         1z
                                           209127 s at
211404 s at
              1Z
                  9.674009e-03
                                                         1z
                                                             0.01
                                           212896_at
                  9.677819e-03
220944 at
              1z
                                                         1Z
                                                             0.01
213073 at
              1z
                  9.691539e-03
                                           206715 at
                                                         1 Z
                                                             0.01
                                           209907_s_at
222745 s at
              1Z
                  9.720982e-03
                                                         1Z
                                                             0.01
213849_s_at
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                                           213391 at
                                                         1 Z
                                                             0.01
203590 at
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                                                         1Z
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202833_s_at
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                                           211684_s_at
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217988_at
              1 Z
                  9.770027e-03
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201432_at
                                           217028_at
              1z
                  9.777551e-03
                                                         1Z
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                                           210555_s_at
222605_at
              1 Z
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                                                             0.01
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                                           202527_s_at
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205745_x_at
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                                           212384_at
                                                         12
214875_x_at
              1z
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                                           204618_s_at
                                                         17.
                                                             0.01
                  9.889932e-03
206082_at
              1 Z
                                           203708 at
                                                         1 Z
                                                             0.01
202581_at
              1Z
                  9.892376e-03
                                           206174_s_at
                                                         1z
                                                              0.01
                  9.895935e-03
220242 x at
              1z
                                                         1Z
                                                             0.01
                                           213198 at
```

208859_s_at	1 Z	0.01	215596_s_at	1 Z	0.01
236007 at	1z	0.01	210681 s at	1 Z	0.01
206025 s at			200903_s_at		0.01
203884 s at		0.01	205588_s_at		0.01
	1 Z		202512_s_at		0.01
204070_at	1 Z	0.01	219066_at	1z	0.01
208749 x at	1 Z	0.01	209157_at	1 Z	0.01
218195 at			218905 at		0.01
		0.01	-		0.01
222127_s_at			214427_at	12	
220034_at 201071_x_at	12	0.01	218566_s_at 229468_at	12	0.01
201071_x_at	1 Z	0.01	229 <b>468_at</b>	1Z	0.01
209112 at	1Z	0.01	200853 <u>a</u> t	1z	0.01
213954 at	1z	0.01	212792 at	1Z	0.01
212333 <u>a</u> t			204568_at	12	0.01
203500_0 0+	17	0.01	210130 - 2+	17	0.01
203599_s_at 213405_at	10	0.01	218139_s_at 222336_at	10	
213405_at	12	0.01	222336_at		0.01
58367 <u>s</u> at			204834_at		0.01
220784 s_at	1 Z	0.01	221680_s_at	1Z	0.01
209808 x at	1 Z	0.01	219324_at 200693_at	1z	0.01
209808_x_at 224388 s at	17.	0.01	200693 at	1 7.	0.01
210517 s at	17	0.01	203433 at	17	0.01
207156_at	12	0.01	212315_s_at		0.01
208045_at 200789_at 205811_at	1 Z	0.01	2215 <b>4</b> 0_x_at	1Z	0.01
200789 at	1Z	0.01	201560_at 217959_s_at	1Z	0.01
205811 at	1 Z	0.01	217959 s at	1z	0.01
203591 s at	1 7.	0 - 01	218789 s at	12	0.01
			213351 s at		0.01
221453_at	10	0.01			
203971_at 218598_at	12	0.01	207545_s_at		0.01
218598_at	1Z	0.01	219037_at	1Z	0.01
203879_at	1z	0.01	208656_s_at	1z	0.01
214087 s at	1z	0.01	202633_at		0.01
			204202 at		
206551_x_at 213226_at	12	0.01	204202_at 219312_s_at	12	0.01
209110 s at	17	0.01	212947_at	17	0.01
209434_s_at			212263_at	12	0.01
202658_at	1z	0.01	218395_at	1 Z	0.01
20697 <b>4</b> at	1z	0.01	206209 s at	1Z	0.01
206974_at 202206 at	1z	0.01	2093 <b>4</b> 0_at	1 Z	0.01
219297 at	17.	0 - 01	222386_s_at	1 7.	0.01
			218218_at		
200842_s_at 218067 s at	10	0.01	210210_ac	10	
<del></del>		0.01	219158_s_at		
201446_s_at			214440_at		0.01
1554553_s_at	1Z	0.01	208082_x_at	1z	0.01
213046 at	1 Z	0.01	202038 at	1Z	0.01
212557_at			222243 s at		0.01
218042 at	12	0.01	218667 at		0.01
210042_ac		0.01	210007_dc 210818 s at		
210427_x_at					0.01
202933_s_at		0.01	209728_at		0.01
225563_at		0.01	220953_s_at		0.01
219403_s_at 201029_s_at	1Z	0.01	203301 s at	1Z	0.01
201029 s at	1 Z	0.01	219130 at	1z	0.01
218940 at	12	0 01	221547 at		0.01
202221 s at		0.01			0.01
			216298_at		
201773_at	1 Z	0.01	206544_x_at		0.01
200797_s_at	1 Z	0.01	217738_at	1Z	
207446_at	1 Z	0.01	201054_at	1 <b>Z</b>	0.01
218361 at	1 Z	0.01	1553227 s at		0.01
218827_s_at	1Z	0.01	202679 at		0.01
		0.01	204434_at		0.01
219595_at	10				
207438_s_at	1Z	0.01	212203_x_at		0.01
211685_s_at	1Z	0.01	1554456_a_at		0.01
208200_at	1 Z	0.01	209741_x_at		0.01
206792 x at	1z	0.01	202290 at	1 Z	0.01
218356 at		0.01	227220 at	1 Z	0.01

200206 -+	10	0 01	204201	10	0 01
209296_at	12	0.01	204391_x_at	1z	0.01
1569679_at	1 Z	0.01		1z	0.01
1569679_at 232149_s_at 204122_at	1z	0.01	203944 <u>x</u> at 223227 <u>a</u> t	1z	0.01
204122 at	1 <i>7</i> .	0.01	223227 at	1 Z	
202814 s at	12	0.01			
			220653_at	1 Z	0.01
212224_at	1Z	0.01	221905_at 220865_s_at 221763_at 221205_at	1Z	0.01
214518 at	1 Z	0.01	220865 s at	1z	0.01
220199 s at	1 Z	0.01	221763 at	1Z	0.01
214518_at 220199_s_at 201003_x_at	12	0.01	221205 at	17	0.01
201003_K_at	10	0.01	200064 +	10	0.01
201888_s_at	14	0.01	209964_s_at	12	0.01
212779_at	$\perp Z$	0.01	211185_s_at	1Z	0.01
212388_at	1 z	0.01	212156 at	1z	0.01
212388_at 226651_at	1 Z	0.01	211185_s_at 212156_at 209916_at 202399_s_at	1z	0.01
224690 at	12	0.01	202399 s at	17.	0.01
225848_at			202548 s at	17	0.01
223040_at	10	0.01			
224977_at 226100_at 227523_s_at	17	0.01		1 Z	
226100_at	1 Z	0.01	202215_s_at 203080_s_at	1z	0.01
227523 s at	1 Z	0.01	203080 s at	1z	0.01
226970 at	1 Z	0.01	205627 <u>a</u> t	1 Z	0.01
224626 at	12	0.01	206342_x_at		
223640 0 0+	17	0.01	200342_x_at	10	0.01
224626_at 223649_s_at 225988_at	12	0.01	20/104_x_at	12	0.01
225988_at	1Z	0.01	205841_at	1 Z	0.01
229618_at	1 Z	0.01	207104_x_at 205841_at 205027_s_at	1 Z	0.01
232680_at 238851_at 230707_at 236605_at	1 Z	0.01	208893_s_at	1 Z	0.01
238851 at	1z	0.01		1z	
230707_a+	17	0.01	207936 v at		
236707_ac	10	0.01	207936_x_at 209006_s_at	12	0.01
236605_at	12	0.01	209006_s_at	ΤZ	0.01
227916_x_at	1Z	0.01	208056 <u>s</u> at		
227916_x_at 227964_at	1z	0.01	1553709_a_at	1Z	0.01
228736 at	1 Z	0.01	1553177 at	1z	0.01
228736_at 228454_at	12	0.01	1553177_at 1569600_at	1 7.	0.01
234486_at	17	0.01	200612_s_at	17	0.01
234400_ac	10	0.01	200012_S_at	10	0.01
23/591_at	12	0.01	1557067_s_at		
238130_at	1 Z	0.01	1559964_at		0.01
237591_at 238130_at 233080_s_at	1 Z	0.01	1553704 x at	1z	0.01
229878 at	1z	0.01	1555278 a at	1z	0.01
229540 <u>a</u> t	1z		1568678_s_at		
64408 5 3+	17	0 01			
64408_s_at 218639_s_at 218791_s_at	17	0.01	201661_s_at	10	0.01
218639_s_at	12	0.01	200867_at 20139 <b>4</b> _s_at	12	0.01
218791_s_at	1Z	0.01	201394_s_at	1 Z	0.01
219334_s_at			201861_s_at	1Z	0.01
218714_at	1Z	0.01	201181 at	1 Z	0.01
219294 at	1 Z	0.01	201788 <sup>-</sup> at	1z	0.01
219353 at	1 Z	0.01	203041 s at	1Z	0.01
219878_s_at	1Z	0.01	203229 s at		
				1Z	0.01
220083_x_at	1 Z	0.01	201646_at	1 Z	0.01
213243_at	1Z	0.01	213125_at	1Z	0.01
213034_at	1z	0.01	215977 x at	1 Z	0.01
$213545^{-}$ x at	1z	0.01	202675 at	12	0.01
212513 s at	1 Z	0.01	209669 s at	12	0.01
212919_at	1Z	0.01			
212919_dt			201379_s_at	1Z	0.01
212665_at	1 Z	0.01	209653_at	1Z	0.01
213180_s_at	1 Z	0.01	220241_at	1 Z	0.01
214222 at	1 Z	0.01	219459 at	1z	0.01
213590 at	1 Z	0.01	208454 s at	1Z	0.01
217986_s_at	1Z	0.01	200020 at	1Z	0.01
		0.01			
210041_X_dt	12		221483_s_at	1Z	0.01
	12	0.01	205558_at	1Z	0.01
204072_s_at	1 Z	0.01	217346_at	1Z	0.01
203420 at	1 Z	0.01	206278 at	1 Z	0.01
203297 s at	1Z	0.01	202136 at	1 Z	0.01
204692 at	12	0.01	203991 s at	1Z	
			_ <del>_</del> ~		
203837_at	1Z	0.01	219646_at	1Z	0.01
204633_s_at	1Z	0.01	209100_at	1Z	0.01

34764 at	1Z	0.01	53720_at	1z	0.01
202087_s_at			20281 <del>6</del> _s_at		
220486 x at	1 Z	0.01	219371 s at		0.01
1555756 a at			203278 s at		0.01
222446 s at		0.01	218859 s at		0.01
204053_x_at		0.01	217983 s at		0.01
201670 s at					0.01
204573 at	1z	0.01	201484_at 202710_at	1 Z	0.01
201670_s_at 204573_at 201176_s_at	1Z	0.01	203650 at	1 Z	0.01
201818 at	1 Z	0.01	201052_s_at		
213754_s_at			218380 at	1z	0.01
210695 s at	1 Z	0.01	209514 s at	1 Z	0.01
210695_s_at 212602_at	1 Z	0.01	218380_at 209514_s_at 205230_at	1Z	0.01
220088 at	1 Z	0.01	201898 s at	1Z	
208803 s_at		0.01	216657 at	1z	0.01
206854 <u>s</u> at			214011_s_at 212880_at	1z	0.01
202406 s at	1Z	0.01	212880 at	1z	0.01
225904 at	1 Z	0.01	201272_at	1Z	0.01
202049_s_at			56256 at	1z	0.01
201770_at			212 <b>48</b> 4 at	1z	0.01
201622 at	1 Z	0.01	219029 at	1 Z	0.01
201622_at 218477_at	1 Z	0.01	212484_at 219029_at 203113_s_at	1 Z	0.01
219031_s_at	1z	0.01	219083 at	1Z	0.01
202758 s at			204550 <u>x</u> at	1z	0.01
202304 at	1 Z	0.01	211714_x_at 218247_s_at	12	0.01
202304_at 209724_s_at	1Z	0.01	2182 <b>4</b> 7_s_at	1Z	0.01
225208 s at	1Z	0.01	205237_at	1 Z	0.01
239043_at	1 Z	0.01	21 <b>2674</b> s at	1z	0.01
214131_at	1z	0.01	218989 <u>_</u> x_at	1z	0.01
214131_at 204562_at 204208_at	1Z	0.01	117 at	1 Z	0.01
204208_at	1Z	0.01	203 <mark>0</mark> 17_s_at		0.01
204771_s_at	1z	0.01	208246_x_at		0.01
218376_s_at	1 Z	0.01	2181 <b>4</b> 0_x_at	1 Z	0.01
214179_s_at 210346_s_at	1z	0.01	217852 s at	1z	0.01
210346_s_at	1z	0.01	202584_at	1Z	0.01
209433 <u>s</u> at			211407 at	1z	0.01
232953_at	1Z	0.01	202060_at 218306_s_at 203742_s_at	1 Z	0.01
202864_s_at 204157 s at	1z	0.01	218306_s_at	1 Z	0.01
204157_s_at	1z	0.01	2037 <b>4</b> 2_s_at	1Z	0.01
201942_s_at		0.01	218004_at		0.01
	1 Z	0.01	1569932_at	1Z	0.01
212261_at	1Z	0.01	203208_s_at		0.01
216693_x_at	1Z	0.01	213225_at	1Z	0.01
215004_s_at	1Z	0.01	217984_at	1Z	0.01
211960_s_at	1Z	0.01	226389_s_at	1Z	0.01
213538_at	1Z	0.01	209212_s_at	1 Z	0.01
201743_at	1Z	0.01	229983_at	1Z	0.01
205685_at	1Z	0.01	231955_s_at	1Z	0.01
204791_at	1Z	0.01	230769_at	1 Z	0.01
204355_at	1Z	0.01	50965_at	1 Z	0.01
219229_at	1Z	0.01	214523_at	1 Z	0.01
205298_s_at	1Z	0.01	222866_s_at	1Z	0.01
218514_at	1Z	0.01	211748_x_at	1Z	0.01
202121_s_at	1Z	0.01	211329_x_at	1Z	0.01
212300_at	1Z	0.01	202468_s_at	1Z	0.01
208896_at	1Z	0.01	204928_s_at	1Z	0.01
211842_s_at	1Z	0.01	205547_s_at		0.01
222712_s_at	1Z	0.01	207821_s_at	1Z	0.01
206361_at	1Z	0.01	209450_at	1Z	0.01
210479_s_at	1Z	0.01	218217_at	1Z	0.01
201872_s_at	1Z	0.01	206118_at	1Z	0.01
214084_x_at	1Z	0.01	203652_at	1Z	0.01
243589_at	1Z	0.01	236165_at	1Z	0.01
205981_s_at	1Z	0.01	225 <b>9</b> 19_s_at	1 Z	0.01

200730	200720+	10	0 01	207212	10	0 00
202932_at 1Z 0.01	200730_S_at	14	0.01			
202932_at 1Z 0.01	220019_s_at	ΙZ	0.01	217883_at	1Z	0.02
202932_at 1Z 0.01	201359_at	1 Z	0.01	219164_s_at	1z	0.02
202932_at 1Z 0.01	214290 s at	1 Z	0.01	217739 s at	1 Z	0.02
202932_at 1Z 0.01	218674 at	1z	0.01	207357 s at	1.7.	0.02
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213081	220035_at	1Z	0.01	220366_at	1 Z	0.02
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214047 s_at       1Z       0.01       211946_s_at       1Z       0.02         209561_at       1Z       0.01       216202_s_at       1Z       0.02         218323_at       1Z       0.01       224797_at       1Z       0.02         214086_s_at       1Z       0.01       200597_at       1Z       0.02         216267_s_at       1Z       0.01       203380_x_at       1Z       0.02         211097_s_at       1Z       0.01       204683_at       1Z       0.02         212371_at       1Z       0.01       218025_s_at       1Z       0.02         213476_x_at       1Z       0.01       224175_s_at       1Z       0.02         213476_x_at       1Z       0.01       225618_at       1Z       0.02         210971_s_at       1Z       0.01       22987_s_at       1Z       0.02         202595_s_at       1Z       0.01       2293445_s_at       1Z       0.02         202101_s_at       1Z       0.01       222130_s_at       1Z       0.02         214574_x_at       1Z       0.01       203344_s_at       1Z       0.02         214574_x_at       1Z       0.01       202684_s_at	202076 at	17	0.01	204961 g at	17	0.02
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202101_s_at       1Z       0.01       222130_s_at       1Z       0.02         209390_at       1Z       0.01       203344_s_at       1Z       0.02         214574_x_at       1Z       0.01       202684_s_at       1Z       0.02         210426_x_at       1Z       0.01       202130_at       1Z       0.02         227186_s_at       1Z       0.01       217478_s_at       1Z       0.02         203006_at       1Z       0.01       216537_s_at       1Z       0.02         203552_at       1Z       0.01       206584_at       1Z       0.02         207943_x_at       1Z       0.01       222891_s_at       1Z       0.02         223560_s_at       1Z       0.02       20439_s_at       1Z       0.02         204161_s_at       1Z       0.02       203723_at       1Z       0.02         20956_s_at       1Z       0.02       203723_at       1Z       0.02         217764_s_at       1Z       0.02       203942_s_at       1Z       0.02         217851_s_at       1Z       0.02       213566_at       1Z       0.02         202441_s_at       1Z       0.02       218712_at       1Z <td>202595_s_at</td> <td>1z</td> <td>0.01</td> <td>204731 at</td> <td>1z</td> <td>0.02</td>	202595_s_at	1z	0.01	204731 at	1z	0.02
209390_at       1Z       0.01       203344_s_at       1Z       0.02         214574_x_at       1Z       0.01       202684_s_at       1Z       0.02         210426_x_at       1Z       0.01       202130_at       1Z       0.02         227186_s_at       1Z       0.01       217478_s_at       1Z       0.02         203006_at       1Z       0.01       216537_s_at       1Z       0.02         203552_at       1Z       0.01       206584_at       1Z       0.02         207943_x_at       1Z       0.01       222891_s_at       1Z       0.02         223560_s_at       1Z       0.02       20439_s_at       1Z       0.02         204161_s_at       1Z       0.02       203723_at       1Z       0.02         203566_s_at       1Z       0.02       204387_x_at       1Z       0.02         217764_s_at       1Z       0.02       219266_at       1Z       0.02         217851_s_at       1Z       0.02       218712_at       1Z       0.02         202141_s_at       1Z       0.02       218766_at       1Z       0.02         213679_at       1Z       0.02       201780_s_at       1Z	202101 s at	1z	0.01	222130 s at	1z	0.02
214574 x at       1Z 0.01       202684 s at       1Z 0.02         210426 x at       1Z 0.01       202130 at       1Z 0.02         227186 s at       1Z 0.01       217478 s at       1Z 0.02         203006 at       1Z 0.01       216537 s at       1Z 0.02         203552 at       1Z 0.01       206584 at       1Z 0.02         207943 x at       1Z 0.02       202439 s at       1Z 0.02         223560 s at       1Z 0.02       203723 at       1Z 0.02         204161 s at       1Z 0.02       203723 at       1Z 0.02         203566 s at       1Z 0.02       203942 s at       1Z 0.02         217764 s at       1Z 0.02       219266 at       1Z 0.02         205471 s at       1Z 0.02       213566 at       1Z 0.02         217851 s at       1Z 0.02       218712 at       1Z 0.02         202141 s at       1Z 0.02       21836 s at       1Z 0.02         20265 at       1Z 0.02       201836 s at       1Z 0.02         213679 at       1Z 0.02       201780 s at       1Z 0.02         21266 s at       1Z 0.02       203964 at       1Z 0.02	209390 at	1Z	0.01		1z	
210426_x at       1Z 0.01       202130_at       1Z 0.02         227186_s at       1Z 0.01       217478_s at       1Z 0.02         203006_at       1Z 0.01       216537_s at       1Z 0.02         203552_at       1Z 0.01       206584_at       1Z 0.02         207943_x at       1Z 0.02       202439_s at       1Z 0.02         223560_s at       1Z 0.02       203723_at       1Z 0.02         204161_s at       1Z 0.02       203723_at       1Z 0.02         210951_x at       1Z 0.02       204387_x at       1Z 0.02         203566_s at       1Z 0.02       203942_s at       1Z 0.02         217764_s at       1Z 0.02       219266_at       1Z 0.02         205471_s at       1Z 0.02       213566_at       1Z 0.02         217851_s at       1Z 0.02       218712_at       1Z 0.02         202141_s at       1Z 0.02       201836_s at       1Z 0.02         213679_at       1Z 0.02       201780_s at       1Z 0.02         21266_s_at       1Z 0.02       203964_at       1Z 0.02	<del></del>					
227186 s at       1Z 0.01       217478 s at       1Z 0.02         203006 at       1Z 0.01       216537 s at       1Z 0.02         203552 at       1Z 0.01       206584 at       1Z 0.02         207943 x at       1Z 0.01       222891 s at       1Z 0.02         223560 s at       1Z 0.02       202439 s at       1Z 0.02         204161 s at       1Z 0.02       203723 at       1Z 0.02         210951 x at       1Z 0.02       204387 x at       1Z 0.02         203566 s at       1Z 0.02       203942 s at       1Z 0.02         217764 s at       1Z 0.02       219266 at       1Z 0.02         205471 s at       1Z 0.02       213566 at       1Z 0.02         217851 s at       1Z 0.02       218712 at       1Z 0.02         202141 s at       1Z 0.02       201836 s at       1Z 0.02         213679 at       1Z 0.02       201780 s at       1Z 0.02         21266 s at       1Z 0.02       203964 at       1Z 0.02	210426 v at					
203006_at       1Z       0.01       216537_s_at       1Z       0.02         203552_at       1Z       0.01       206584_at       1Z       0.02         207943_x_at       1Z       0.01       222891_s_at       1Z       0.02         223560_s_at       1Z       0.02       202439_s_at       1Z       0.02         204161_s_at       1Z       0.02       203723_at       1Z       0.02         210951_x_at       1Z       0.02       204387_x_at       1Z       0.02         203566_s_at       1Z       0.02       203942_s_at       1Z       0.02         217764_s_at       1Z       0.02       219266_at       1Z       0.02         205471_s_at       1Z       0.02       213566_at       1Z       0.02         217851_s_at       1Z       0.02       218712_at       1Z       0.02         202141_s_at       1Z       0.02       201836_s_at       1Z       0.02         213679_at       1Z       0.02       201780_s_at       1Z       0.02         212266_s_at       1Z       0.02       203964_at       1Z       0.02						
203552_at       1Z       0.01       206584_at       1Z       0.02         207943_x_at       1Z       0.01       222891_s_at       1Z       0.02         223560_s_at       1Z       0.02       202439_s_at       1Z       0.02         204161_s_at       1Z       0.02       203723_at       1Z       0.02         210951_x_at       1Z       0.02       204387_x_at       1Z       0.02         203566_s_at       1Z       0.02       203942_s_at       1Z       0.02         217764_s_at       1Z       0.02       219266_at       1Z       0.02         205471_s_at       1Z       0.02       213566_at       1Z       0.02         217851_s_at       1Z       0.02       218712_at       1Z       0.02         202141_s_at       1Z       0.02       201836_s_at       1Z       0.02         213679_at       1Z       0.02       201780_s_at       1Z       0.02         212266_s_at       1Z       0.02       203964_at       1Z       0.02						
207943_x_at       1Z 0.01       222891_s_at       1Z 0.02         223560_s_at       1Z 0.02       202439_s_at       1Z 0.02         204161_s_at       1Z 0.02       203723_at       1Z 0.02         210951_x_at       1Z 0.02       204387_x_at       1Z 0.02         203566_s_at       1Z 0.02       203942_s_at       1Z 0.02         217764_s_at       1Z 0.02       219266_at       1Z 0.02         205471_s_at       1Z 0.02       213566_at       1Z 0.02         217851_s_at       1Z 0.02       218712_at       1Z 0.02         202141_s_at       1Z 0.02       21836_s_at       1Z 0.02         202265_at       1Z 0.02       201836_s_at       1Z 0.02         213679_at       1Z 0.02       201780_s_at       1Z 0.02         212266_s_at       1Z 0.02       203964_at       1Z 0.02						
223560_s_at       1Z       0.02       202439_s_at       1Z       0.02         204161_s_at       1Z       0.02       203723_at       1Z       0.02         210951_x_at       1Z       0.02       204387_x_at       1Z       0.02         203566_s_at       1Z       0.02       203942_s_at       1Z       0.02         217764_s_at       1Z       0.02       219266_at       1Z       0.02         205471_s_at       1Z       0.02       213566_at       1Z       0.02         217851_s_at       1Z       0.02       218712_at       1Z       0.02         202141_s_at       1Z       0.02       1558747_at       1Z       0.02         202265_at       1Z       0.02       201836_s_at       1Z       0.02         213679_at       1Z       0.02       201780_s_at       1Z       0.02         212266_s_at       1Z       0.02       203964_at       1Z       0.02	203552_at	1Z	0.01	206584_at	1z	0.02
223560_s_at       1Z       0.02       202439_s_at       1Z       0.02         204161_s_at       1Z       0.02       203723_at       1Z       0.02         210951_x_at       1Z       0.02       204387_x_at       1Z       0.02         203566_s_at       1Z       0.02       203942_s_at       1Z       0.02         217764_s_at       1Z       0.02       219266_at       1Z       0.02         205471_s_at       1Z       0.02       213566_at       1Z       0.02         217851_s_at       1Z       0.02       218712_at       1Z       0.02         202141_s_at       1Z       0.02       1558747_at       1Z       0.02         202265_at       1Z       0.02       201836_s_at       1Z       0.02         213679_at       1Z       0.02       201780_s_at       1Z       0.02         212266_s_at       1Z       0.02       203964_at       1Z       0.02	207943 x at	1z	0.01	222891 s at	1Z	0.02
204161_s_at       1Z       0.02       203723_at       1Z       0.02         210951_x_at       1Z       0.02       204387_x_at       1Z       0.02         203566_s_at       1Z       0.02       203942_s_at       1Z       0.02         217764_s_at       1Z       0.02       219266_at       1Z       0.02         205471_s_at       1Z       0.02       213566_at       1Z       0.02         217851_s_at       1Z       0.02       218712_at       1Z       0.02         202141_s_at       1Z       0.02       1558747_at       1Z       0.02         202265_at       1Z       0.02       201836_s_at       1Z       0.02         213679_at       1Z       0.02       201780_s_at       1Z       0.02         212266_s_at       1Z       0.02       203964_at       1Z       0.02	223560 s at	1z	0.02			
210951_x_at       1Z       0.02       204387_x_at       1Z       0.02         203566_s_at       1Z       0.02       203942_s_at       1Z       0.02         217764_s_at       1Z       0.02       219266_at       1Z       0.02         205471_s_at       1Z       0.02       218712_at       1Z       0.02         217851_s_at       1Z       0.02       218712_at       1Z       0.02         202141_s_at       1Z       0.02       1558747_at       1Z       0.02         202265_at       1Z       0.02       201836_s_at       1Z       0.02         213679_at       1Z       0.02       201780_s_at       1Z       0.02         212266_s_at       1Z       0.02       203964_at       1Z       0.02						
203566 s at 1Z 0.02       203942 s at 1Z 0.02         217764 s at 1Z 0.02       219266 at 1Z 0.02         205471 s at 1Z 0.02       213566 at 1Z 0.02         217851 s at 1Z 0.02       218712 at 1Z 0.02         202141 s at 1Z 0.02       1558747 at 1Z 0.02         202265 at 1Z 0.02       201836 s at 1Z 0.02         213679 at 1Z 0.02       201780 s at 1Z 0.02         212266 s at 1Z 0.02       203964 at 1Z 0.02						
217764 s at 1z 0.02       219266 at 1z 0.02         205471 s at 1z 0.02       213566 at 1z 0.02         217851 s at 1z 0.02       218712 at 1z 0.02         202141 s at 1z 0.02       1558747 at 1z 0.02         202265 at 1z 0.02       201836 s at 1z 0.02         213679 at 1z 0.02       201780 s at 1z 0.02         212266 s at 1z 0.02       203964 at 1z 0.02						
205471_s_at       1Z       0.02       213566_at       1Z       0.02         217851_s_at       1Z       0.02       218712_at       1Z       0.02         202141_s_at       1Z       0.02       1558747_at       1Z       0.02         202265_at       1Z       0.02       201836_s_at       1Z       0.02         213679_at       1Z       0.02       201780_s_at       1Z       0.02         212266_s_at       1Z       0.02       203964_at       1Z       0.02						
217851_s_at       1Z       0.02       218712_at       1Z       0.02         202141_s_at       1Z       0.02       1558747_at       1Z       0.02         202265_at       1Z       0.02       201836_s_at       1Z       0.02         213679_at       1Z       0.02       201780_s_at       1Z       0.02         212266_s_at       1Z       0.02       203964_at       1Z       0.02					1Z	0.02
217851_s_at       1Z       0.02       218712_at       1Z       0.02         202141_s_at       1Z       0.02       1558747_at       1Z       0.02         202265_at       1Z       0.02       201836_s_at       1Z       0.02         213679_at       1Z       0.02       201780_s_at       1Z       0.02         212266_s_at       1Z       0.02       203964_at       1Z       0.02		1Z		213566 at	1 Z	0.02
202141_s_at       1Z       0.02       1558747_at       1Z       0.02         202265_at       1Z       0.02       201836_s_at       1Z       0.02         213679_at       1Z       0.02       201780_s_at       1Z       0.02         212266_s_at       1Z       0.02       203964_at       1Z       0.02	217851 s at	1Z	0.02	218712 <sup>-</sup> at	1 Z	
202265_at       1Z       0.02       201836_s_at       1Z       0.02         213679_at       1Z       0.02       201780_s_at       1Z       0.02         212266_s_at       1Z       0.02       203964_at       1Z       0.02		12				
213679_at 1Z 0.02				201836 s at		
212266_s_at 1Z 0.02 203964_at 1Z 0.02						
<b></b>						
201315_x_at 12 0.02 202991_at 12 0.02						
	201312_x_at	12	0.02	202991_at	ΙZ	0.02

202412 s at	12	0.02	210567 s at	1 Z	0.02
219123_at		0.02	236254_at	1Z	
203765 at	1 Z	0.02	210567_s_at 236254_at 218404_at 218404_at 209019_s_at 1729_at 218422_s_at 218248_at 205639_at 218016_s_at 202393_s_at 396_f_at 203583_at 218733_at 218750_at 214470_at 214291_at 210240_s_at 204744_s_at 204744_s_at 203536_s_at 223261_at 223261_at 203784_s_at 201784_s_at 201784_s_at 201793_at 20193_s_at 210193_at 208763_s_at		
203765_at 223819_x_at	12	0.02	218404_at 209019_s_at	12	0.02
219352 at	12	0.02	1729_at	12	0.02
200021_at		0.02	218422_s_at	1 Z	0.02
205231 s at	12	0.02	218248_at	12	0.02
200807 s at	12	0.02	205639 at	1 7.	0.02
205231_s_at 200807_s_at 241372_at	12	0.02	205639_at 218016_s_at	12	0.02
219069 at	1z	0.02	202393_s_at 202393_s_at 396_f_at 205562_at 203583_at 218733_at	1 Z	0.02
202321 at	1 Z	0.02	396 f at	1 Z	0.02
204594_s_at 213092_x_at 204479_at	1z	0.02	$205\overline{5}6\overline{2}$ at	1 Z	0.02
213092 x at	12	0.02	203583 at	12	0.02
204479 at	1 Z	0.02	218733 at	1 Z	0.02
206734 at	1 Z	0.02	218750_at 218750_at 214470_at 214291_at 210240_s_at 207408_at	1 Z	0.02
202447 at	1 Z	0.02	214470 at	1 Z	0.02
210152 at	1 Z	0.02	214291 at	1 Z	0.02
202447_at 210152_at 203315_at	1Z	0.02	210240 s at	1 Z	0.02
213006 at	12	0.02	207408 at	1 Z	0.02
218521 s at	1Z	0.02	20 <b>4744</b> _s_at	$_{\rm LZ}$	0.02
201350 at	1Z	0.02	203536 s at	1 Z	0.02
218155 x at	1 Z	0.02	223261 at	1 Z	0.02
218521_s_at 201350_at 218155_x_at 200782_at	1 Z	0.02	203536_s_at 223261_at 213019_at	1 Z	0.02
218229 s at	1z	0.02	204652_s_at 201784_s_at 201326_at 210293_s_at 210193_at	1 Z	0.02
205621_at	1 Z	0.02	201784 s at	1 Z	0.02
207474 at	1 Z	0.02	201326 at	1 Z	0.02
207474_at 206440_at	1Z	0.02	210293_s_at	1 Z	0.02
202356 s at	1z	0.02	210193 at	1 Z	0.02
202387 at	1z	0.02	2087 <b>6</b> 3_s_at	1 Z	0.02
201221_s_at 1553103_at	1z	0.02	208763_s_at 238429_at 208012_x_at	1 Z	0.02
1553103_at	1z	0.02	208012 <u>x</u> at	1 Z	0.02
220071 <u>x</u> _at		0.02	212311_X_GC	1Z	0.02
213557_at	1Z	0.02	217850_at	1 Z	0.02
208961_s_at 222602_at	1 Z	0.02	212274_at 204908_s_at	1Z	0.02
222602_at	1z	0.02	20 <b>4908_s_a</b> t	1 Z	0.02
209166_s_at	1 Z	0.02	218239_s_at		
202741_at	1Z	0.02	218967_s_at	1 Z	0.02
210944_s_at 202859_x_at 202925_s_at	1Z	0.02	218165_at 205677_s_at 204169_at	1 Z	0.02
202859_x_at	1Z	0.02	205677_s_at	1Z	0.02
202925_s_at	1Z	0.02	204169_at	1 Z	0.02
220467_at	1Z	0.02	201859_at		
212209_at			203204_s_at		0.02
204588_s_at	1Z	0.02	204392_at	1 Z	0.02
224334_s_at	1Z	0.02	200884_at	1 Z	
205437_at	1Z	0.02	208911_s_at	1Z	
206099_at	1Z	0.02	211285_s_at	1 Z	0.02
212268_at	12 12 12 12	0.02	218721_s_at	1Z	0.02
202631_s_at	12	0.02	203568_s_at 209040 s at		
<del>-</del>		0.02 0.02	<b>–</b> –		
212326_at	1Z 1Z	0.02	223728_at	1 Z 1 Z	
203165_s_at 209056 s at	1Z	0.02	214531_s_at 205733 at	1Z	
205036_s_at		0.02	203733_at 219633 at		
203746_s_at 203255 at	1Z 1Z	0.02	219633_at 205770_at	1 Z 1 Z	
203233_ac 208523_x_at		0.02	<del>-</del>		
1555831_s_at	1Z 1Z	0.02	202716_at 51228 at	1 Z 1 Z	
201483 s at		0.02	200977 s at	1 Z	
201463_S_at 220867 s at	1Z	0.02	200977_s_at 226736 at	12 12	
	12	0.02	225736_at 225948_at	12 12	
218937_at 202050 s at	1Z	0.02	225546_at 225527_at	12	0.02
202050_s_at 227548 at	12 12	0.02	225327_at 209647_s at	12 12	
242247 at	1Z	0.02	203647_s_at 207361 at	1Z	
212495 at	12	0.02	207361_ac 1570033 at		
200744 s at	1Z	0.02	1570035_at	1Z	0.02
200/44_5_aL	14	0.02	1304103_ac		0.02

			010000		
201361_at	1Z	0.02	218622_at		0.02
203482 at	1z	0.02	208018_s_at	1 Z	0.02
218367 x at	12	0.02	215438 x at	12	0.02
203482_at 218367_x_at 203310_at	17	0.02	215438 <u>x</u> at 200989 at	10	0.02
203310_at	14	0.02	200989_at	ΙZ	0.02
211429_s_at 204924_at 204872_at 224693_at 219648_at	1Z	0.02	203810_at		
204924 at	1z	0.02	20 <b>7604</b> _s_at	1 Z	0.02
204872 at	17	0 02	202540 8 25	17	0.02
204072_ac	10	0.02	202340_5_ac	12	0.02
224693_at	12	0.02	203013_at	12	0.02
219648 at	1Z	0.02	202540_s_at 203013_at 206513_at	1z	0.02
204493 <u> </u>	17.	0.02	221971 <sup>-</sup> x at	1 7.	0.02
202720 2+	17	0.02			
203739_at	14	0.02	212689_s_at	14	0.02
204624_at	1Z	0.02	218983_at	1 Z	0.02
203739_at 204624_at 219966_x_at 227378_x_at	1Z	0.02	218983_at 215894_at 202097_at	1 Z	0.02
227378 x at	12	0.02	202097 at	12	0 02
227070_1_4	17	0.02			
237003_at	14	0.02	228363_at	1 Z	0.02
212365_at 223266_at 220988_s_at	1Z	0.02	213064_at	1 Z	0.02
223266 at	1z	0.02	205575 at	1 Z	0.02
220988 s at	17.	0 02	205396 at	12	0 02
211400	17	0.02	203330_ac	10	0.02
211400_S_at	14	0.02	212837_at	14	0.02
205556_at	1Z	0.02	205844_at	1 Z	0.02
211488_s_at 205556_at 1554628_at 160020_at	1Z	0.02	228363_at 213064_at 205575_at 205396_at 212837_at 205844_at 212453_at 220169_at 224671_at 239801_at 244546_at 635_s_at 213787_s_at 204497_at	1 Z	0.02
160020 at	17.	0 02	220169 at	17	0 02
201141_at	10	0.02	220105_at	10	0.02
201141_at	12	0.02	2246/1_at	ΙZ	0.02
206044_s_at 203044_at 209536_s_at 218391_at	1z	0.02	239801_at	1z	0.02
203044 at	1z	0.02	244546 at	1 Z	0.02
209536 s at	1 7	0 02	635 g at	17	0 02
203330_3_40	10	0.02	033_8_80	1.0	0.02
218391_at	12	0.02	213/8/_s_at	ΤZ	0.02
202173_s_at	1Z	0.02	204497_at	1z	0.02
207957 s at	1Z	0.02	20 <b>4</b> 003_s_at	1 Z	0.02
202173_s_at 207957_s_at 215730_at 243529_at	17	0 02	211915 8 2+	17	0 02
243530_46	10	0.02	211815_s_at 202552_s_at	10	0.02
243529_at	12	0.02	202552_s_at	LΖ	0.02
204385_at	1Z	0.02	202015_x_at	1z	0.02
205480_s_at	1z	0.02	205 <b>791</b> x at	1 Z	0.02
209063 x at	. 17.	0.02			
209063_x_at 208799_at	10		1558460_at 1553957_at	10	0.02
200799_aL	14	0.02	1553957_at	14	0.02
219081 <u>a</u> t	1Z	0.02	1569039_s_at		
2079 <b>4</b> 5 s at	1z	0.02	218449 at	1 Z	0.02
211824 x at	12	0.02	200941 at	12	0.02
207945_s_at 211824_x_at 206245_s_at	17	0.02	200941_at 221622_s_at 200614_at	17	0.02
200243_S_ac	12	0.02	221022_S_at	14	0.02
205092 <u>x</u> at	$_{\rm LZ}$	0.02	200614_at	1Z	0.02
211941_s_at	1Z	0.02	200808 s at	1 Z	0.02
57516 at	1 Z	0.02	209 <b>681</b> at	1 Z	0.02
210644 s at	1 Z		217967 s at	1 Z	0.02
211924_s_at	1 Z	0.02	204064_at	1 Z	0.02
206370_at	1Z	0.02	218941_at	1z	0.02
201631_s_at	1z	0.02	202781_s_at	1z	0.02
	1 Z	0.02	206934_at	1 Z	
			200554_40		
	1 Z	0.02		1 Z	
	1Z	0.02	213039_at	1 Z	0.02
206848 at	1Z	0.02	218700 s at	1 Z	0.02
	1 Z	0.02	20 <b>4891</b> _s_at	12	
204951 at					
_	1 Z	0.02	203607_at	1 Z	
1487_at	1 Z	0.02	225251_at	1 Z	0.02
205259 at	1 Z	0.02	1562236 at	1 Z	0.02
211575_s_at		0.02	$\frac{-}{201731}$ s at	1 Z	0.02
		0.02			
	1Z		220206_at	1 Z	
206804_at	1Z	0.02	202335_s_at	12	
207303 at	1 Z	0.02	212625 at	1 Z	0.02
210538 s at		0.02	204405 x at	1 Z	
		0.02	<b>– –</b>		
201943_s_at	1 Z		203157_s_at	1 Z	0.02
225658_at	1 Z	0.02	217925_s_at	1 Z	
203545 at	1 Z	0.02	219242 at	1 Z	0.02
203752 s at		0.02	211064 at	1 Z	
226293 at	1 Z	0.02	212539 at		
220233_dl	14	0.02	212539_at	12	0.02

217825 s at	17	0 02	206637 at	1z	0.02
221658 s at	10	0.02	200037_40	10	
208066_s_at	1Z	0.02	212168_at	1Z	
200964_at	1Z	0.02	212277_at	1 Z	0.02
220404 at	17	0 02	220742 g at	17	0.02
220404_at 201197_at	10	0.02	220742_5_ac	10	0.02
20119/_at	12	0.02	220742_s_at 208250_s_at 205001_s_at	12	0.02
218366_x_at	1z	0.02	205001 s at	1 Z	0.02
221588 x at	1z	0.02	213616 at	1 Z	0.02
208392_x_at		0.02	206828 at	17	0.02
200332_x_at			200020_ac	1.0	0.02
210146_x_at 218603_at	12	0.02	206828_at 208179_x_at 235154_at 226350_at	ΤZ	0.02
218603_at	1 Z	0.02	235154_at	1 Z	0.02
202436 s at	1Z	0.02	226350 at	1z	0.02
219002 at			1553311_at	17	0.02
			1333311_ac	12	0.02
209240_at	14	0.02	212520_s_at 207668_x_at 218875_s_at	12	0.02
218236_s_at 202343_x_at	1 Z	0.02	207668_x_at	1 Z	0.02
202343 x at	1z	0.02	218875 s at	1 Z	0.02
210007 s at	12	0.02	224956 at	12	በ በ3
		0.02	224027_at 238912_x_at 38918_at 242540_at	17	0.03
201477_s_at	10	0.02	224027_at	14	0.03
203216_s_at 214511 x at	ΙZ	0.02	238912_x_at	1 Z	0.03
214511 x at	1z	0.02	38918 at	1 Z	0.03
201435 s at	1z	0.02	$24254\overline{0}$ at	12	0.03
201010 s at		0.02	242520 8 3+	17	0.03
201010_3_40	10	0.02	242520_s_at 239186_at	10	0.03
201028_s_at 219991_at	12	0.02	239186_at	12	0.03
219991_at	1Z	0.02	219872_at 213082_s_at	1Z	0.03
210858 x at	1 Z	0.02	213082 s at	1 Z	0.03
200650 s at			203793_x_at	12	0.03
			203733ac	10	0.03
218929_at	14	0.02	221464_at	12	0.03
203509_at	1Z	0.02	202349_at	1Z	0.03
203509_at 225065_x_at	1z	0.02	202349_at 205955_at	1 Z	0.03
210069 at	1z	0.02	$156907\overline{3} \times at$	1 <i>7</i> .	0.03
211999_at			209903 s at		
211999_ac	10	0.02			
210889_s_at 217989_at	12	0.02	202896_s_at		
217989_at	1z	0.02	218587_s_at	1 Z	0.03
200707 at	1Z	0.02	204601 at	1 Z	0.03
202064 s at			205232 s at		
210707	17	0.02			
218797_s_at 209061_at	1.0	0.02	200794_x_at	14	0.03
209061_at	ΙZ	0.02	201348_at	1Z	0.03
209201_x_at	1Z	0.02	201348_at 230566_at	1z	0.03
223210_at	1z	0.02	218877 <u>s</u> at	1Z	0.03
221830_at			220132_s_at	12	0.03
220439 at	17	0.02	222015	17.	
			223915_at		
211372_s_at					0.03
		0.02	205600_x_at	1Z	0.03
217732_s_at	1z	0.02	211926_s_at		
212930_at				1 Z	
201177 s at	17	0.02			
				1 Z	
		0.02		1 Z	
205166 at	1z	0.02	200956 s at	1 Z	0.03
218513_at	1 Z	0.02	203139 at	1 Z	0.03
		0.02	202259 s at	1Z	0.03
	10				
	1Z	0.02	203457_at	1 Z	
229304_s_at	1 Z	0.02	1568594_s_at	1 Z	0.03
202902 s at	1 Z	0.02	218089 at	1 Z	0.03
213000_at	1 Z	0.02	200798_x_at	1 Z	0.03
	1Z	0.02	207941 s at		
210311_dt	10				
220408_x_at	1Z	0.02	201230_s_at		
222017_x_at	1Z	0.02	204286_s_at	1 Z	
204569_at	1 Z	0.02	1554670 at	1 Z	
218508 at	1Z	0.02	210164_at	1 Z	0.03
228135 at					
	1Z	0.02	212037_at	1Z	
1554406_a_at		0.02	204490_s_at	1 Z	0.03
203374_s_at	1 Z	0.02	225956 at	1 Z	0.03
	1Z	0.02	214012 at	1 Z	
222163 s at	1Z	0.02	201129 at	1Z	0.03
		J. J.	201127_al	14	0.05

203188 at	1 Z	0.03	218618 s at	12	0.03
201031_s_at	1 7.	0.03	219788 at		0.03
212685_s_at	12	0.03	219183_s_at	17	0.03
205807 s at	17	0.03	219103_s_at 219221 at	10	
203007_3_ac	10		219221_dt	10	0.03
227363_s_at 205929_at 207131_x_at	12	0.03	213704_at	12	0.03
205929_at	12	0.03	213309_at 214299_at	1 Z	0.03
207131_x_at	1 Z	0.03	214299_at	1 Z	0.03
201664_at		0.03	21 <b>4</b> 501_s_at	1 Z	0.03
213483 at		0.03	214594 x at	1Z	0.03
1554021 a at	1Z	0.03	213208_at	1 Z	0.03
202573 at	1Z	0.03	214273 x at	1z	0.03
203403 s at	1z	0.03	214681_at	12	0.03
35201 at	12	0.03	214305_s_at	12	0.03
215493_x_at		0.03	214303_3_at 212791 at		0.03
213493_x_ac	17		212/91_at	10.	0.03
201084_s_at 203487_s_at	10	0.03	214426_X_at	12	0.03
20348/_s_at	12	0.03	214428_x_at 212748_at 212706_at	ΙZ	0.03
220032_at			212706_at	1Z	0.03
227577 <u>a</u> t	1Z	0.03	213418_at		0.03
201517_at	1z	0.03	214006_s_at	1 Z	0.03
203640_at	1 Z	0.03	218263 s at	1z	0.03
201517_at 203640_at 212904_at	1z	0.03	218263_s_at 218373_at	1 Z	0.03
226319_s_at	1 Z	0.03	218196_at	1Z	0.03
219288 <u>at</u>	1 Z	0.03	217941 s at	12	
218866 s at	17.	0 03	218298_s_at		
218866_s_at 203605_at	12	0.03	215548 s at		0.03
217880 at	17	0.03	213346_S_at 218123_at	17	0.03
			218123_80	12	
224900_at	12	0.03	217952_x_at		0.03
22/26/_at	12	0.03	216550_x_at		0.03
227267_at 225539_at 225038_s_at	1Z	0.03	204185_x_at	12	0.03
225038_s_at	1 <i>z</i>	0.03	20 <b>4206</b> _at		0.03
225120_at	1z	0.03	204186_s_at	1 Z	0.03
226019_at	1 Z	0.03	204732_s_at	1 Z	0.03
225039_at 223980_s_at	1z	0.03	204687 at	1 Z	0.03
223980 s at	1 Z	0.03	204687_at 204669_s_at	1 Z	0.03
226321 at	1 Z	0.03	204301_at	1Z	0.03
224860 at	1 Z	0.03	204028 s at		0.03
225818 s at	1.2	0.03	203279_at		0.03
224860_at 225818_s_at 225218_at	12	0 03	204531 s at		
226630 at	17	0.03	204331_3_at 204214 s at		
226896_at			204747_at		0.03
225099_at			204466_s_at	1Z	0.03
232683_s_at	12	0.03	204062_s_at		
		0.03	204577_s_at		
238199_x_at			203657_s_at		
231775_at		0.03	204275_at	1Z	0.03
235653 s at	1Z	0.03	203899 s_at	1Z	0.03
235430_at	1Z	0.03	203392 s at	1Z	0.03
244871 s at	1 Z	0.03	203530 s at	1Z	0.03
39705 at	1 Z	0.03	223002 s at		0.03
233168 s at			222984 at		0.03
35974 at	12	0.03	220553 s at	12	
235005 at	12	0.03	22335_3_at 223199 at		0.03
235626 at					
			220776_at		0.03
		0.03	222476_at		0.03
32099_at		0.03	223213_s_at		0.03
		0.03	223501_at		0.03
219129_s_at		0.03	222537 <u>s</u> at		0.03
219359_at		0.03	222635_s_at	1 Z	0.03
219290_x_at	1 Z	0.03	221563_at	1 <b>Z</b>	0.03
220248_x_at		0.03	221597 <sup>-</sup> s at	1 Z	0.03
218751 s at			223250 at		0.03
219582 at		0.03	210266_s_at		0.03
218830 at	1 Z	0.03	211168 s at		0.03
218669 at	1Z	0.03	211106_S_at 210943 s at	1Z	0.03
	- 4	0.00	210343_5_dt	14	0.03

211783 s at	1 Z	0.03	203167_at	1 Z	0.03
209814 at	1 Z	0.03	200980 s at		
209814_at 211023_at	1 Z	0.03	1552656 <u>s</u> at		
209761 s at	1Z	0.03			
210621_s_at		0.03	202179 at	1z	0.03
209732_at	1Z		203804_s_at 201202_at 208104_s_at	1 Z	0.03
203053 at	1 Z	0.03	201202 at	1 Z	0.03
203053_at 202513_s_at	1 Z	0.03	208104 s at	1z	0.03
203135 at	1 Z	0.03	204529 s at	1 Z	0.03
203090_at			215909_x_at		
202488 s at	1 Z	0.03	211615 s at	17	0.03
202488_s_at 202416_at 203068_at	1 Z	0.03	211615_s_at 211762_s_at 206181_at	1 Z	0.03
203068 at	1 Z	0.03	206181 at	1z	0.03
202261 at	12	0.03	203535_at	1z	
202313_at			213503 x at	17	0.03
205739 x at	12	0.03	213503_x_at 217837_s_at 211367_s_at	17.	0.03
205739_x_at 205603_s_at	1 Z	0.03	211367 s at	12	0.03
205307_s_at	1 Z	0.03	209678_s_at	12	0.03
206918_s_at	12	0.03	2057 <b>52</b> _s_at		
205664 at	1z	0.03	209257 s at	12	0.03
205664_at 205000_at	1Z	0.03	209257_s_at 212692_s_at 201232_s_at	12	0.03
205367 at	12	0.03	201232 s at	12	0.03
205061 s at		0.03	218470_at	1Z	0.03
206003_at		0.03	205831 at	12	0.03
207098 s at	1Z		205831_at 211760_s_at 205756_s_at 221619_s_at	12	0.03
207098_s_at 204889_s_at	1 Z	0.03	205756 s at	12	0.03
206011 at	1 Z	0.03	221619 s at	12	0.03
206807_s_at			213357 at	17.	0.03
205443 at	1 Z	0.03	210317 s at	12	0.03
205443_at 207338_s_at	12	0.03	207783 x at	12	0.03
205904 at	1Z	0.03	213357_at 210317_s_at 207783_x_at 208992_s_at	1z	0.03
206861_s_at		0.03	225425_s_at	1Z	0.03
206095 s at	1z		206214 at	1Z	0.03
206095_s_at 208892_s_at	1z	0.03	206214_at 201073_s_at 211747_s_at	1Z	0.03
208809 s at	1z	0.03	211747 s at	1Z	0.03
208785 s at			2021 <b>92</b> s at	1z	0.03
209282_at		0.03	203600_s_at	1Z	
209395 at	12	0.03	209370 s at	1Z	
209395_at 209380_s_at	1 Z	0.03	209370_s_at 213063 at	1Z	0.03
207765_s_at	1z	0.03	218455 at	1Z	0.03
209281_s_at		0.03	204172 at		0.03
207624_s_at	1Z	0.03	221702 s at	1z	0.03
207665_at	1Z	0.03	211015_s_at	1Z	0.03
1563318_s_at		0.03	221249_s_at	1Z	0.03
1554089_s_at	1z	0.03	208864_s_at	1Z	0.03
200063_s_at	12	0.03	204294_at	1 Z	0.03
1559034_at	1 Z	0.03	2 <b>04243</b> _at	1 Z	0.03
1558561_at	1Z	0.03	202 <b>4</b> 53_s_at	1Z	0.03
1555866 <u>a</u> aat	1Z	0.03	239651_at	1z	0.03
1553749_at	1Z	0.03	218006_s_at	1Z	0.03
1553831 <u>a</u> t	1Z	0.03	218172_s_at	1 Z	0.03
	1 Z	0.03	206060_s_at	1 Z	0.03
200775_s_at	1Z	0.03	218831_s_at	12	0.03
201178_at	1 Z	0.03	200948_at	1z	0.03
201458_s_at	1Z	0.03	202246_s_at	1 Z	0.03
201912_s_at	1Z	0.03	203814_s_at	1 Z	0.03
201114_x_at	1Z	0.03	203140_at	1z	0.03
	1Z	0.03	201695_s_at	1 Z	
201703_s_at	1 Z	0.03	217748_at	1Z	
201134_x_at	1Z	0.03	218297_at	1Z	0.03
209786_at	1 Z	0.03	221536_s_at	1 Z	0.03
212335_at	1 Z	0.03	200643_at	1Z	0.03
218535_s_at	1Z	0.03	212244_at	1 Z	0.03
244766_at	1Z	0.03	21 <b>9216_</b> at	1 Z	0.03

				_	
203602_s_at	1Z	0.03	212378_at	1 Z	0.03
227560_at	1Z	0.03	201662 <u>s</u> at	1z	0.03
227366 at	17	0.03	219256 8 2+	17	0.03
227366_at 241490_s_at 241725_at	10	0.03	219256_s_at 201606_s_at 203201_at	14	0.03
241490_s_at	1Z	0.03	201606_s_at	1Z	0.03
241725 at	1Z	0.03	203201 at	1z	0.03
219078 at	1 7.	0.03	213518 at	1 Z	0.03
			213510_ac	10	0.03
212598_at	$\mathbf{L}\mathbf{Z}$	0.03	221508_at	12	0.03
217687 at	1z	0.03	204171 at	1z	0.03
204432 at	1.2	0.03	212780 at	1 %	0.03
217687_at 204432_at 203431_s_at	17	0.03	221508_at 204171_at 212780_at 212123_at	10	0.00
203431_S_at	14	0.03	212123_at	LZ	0.03
223307_at	1Z	0.03	202883_s_at	1 Z	0.03
210692_s_at	1z	0.03	207606 s at	1z	0.03
211874 8 2+	17	0.03	222131 v at	17	0.03
211874_s_at 206145_at	1.0	0.03	222131_X_at	14	0.03
206145_at	ΙZ	0.03	203593_at	$\mathbf{L}\mathbf{Z}$	0.03
206313 at	1z	0.03	222131_x_at 203593_at 200838_at	1 Z	0.03
207102_at	1z	0.03	210465_s_at	12	0.03
1553709 2+	17	0.03	203934 +	17	0.03
1553708_at 1553401_at 202182_at	14	0.03	203834_s_at	14	0.03
1553401_at	1Z	0.03	214366_s_at 224430_s_at	1 Z	0.03
202182 at	1z	0.03	224430 s at	1z	0.03
204811 s at	17.	0.03	207697_x_at	12	0.03
			210024	10	0.03
203177_x_at	12	0.03	219824_at	14	0.03
209118_s_at 46270_at	1Z	0.03	219824_at 209841_s_at 203217_s_at 216250_s_at	1 Z	0.03
46270 at	1z	0.03	203217 s at	1z	0.03
202351 at	12	0 03	216250 s at	17	0 03
202551_40	10	0.03	210230_3_40	10	0.03
208625_s_at 236267_at 217966_s_at 212329_at	12	0.03	203989_x_at	ΤZ	0.03
236267_at	1 Z	0.03	213237_at 202821_s_at 212066_s_at	1 Z	0.03
217966 s at	1z	0.03	202821 s at	1 Z	0.03
212329 at	17	0 03	212066 s at	17	0 03
202762	10	0.03	212000_3_ac	10	0.03
209762_x_at 204525_at	12	0.03	240359_at	ΤZ	0.03
204525_at	1Z	0.03	227475_at 207890_s_at 203922_s_at	1 Z	0.03
201425_at 201692_at	1z	0.03	207890 s at	1 Z	0.03
201692 at	17	0.03	203922 6 2+	17	0 03
201032_40	10	0.03	203922_S_at	1.0	0.03
205583 <u>s</u> at			222071_s_at	12	0.03
219446_at	1z	0.03	211581_x_at	1 Z	0.03
201920_at 204063_s_at	1z	0.03	212282_at	1 %	0.03
204063 8 at	17	0 03	209286 2+	17	0.03
209007 s at	10	0.03	209286_at 226330_s_at	14	0.03
			226330_s_at	12	0.03
1559050 at	1Z	0.03	219673 at	1 Z	0.03
	1z	0.03	210758_at 201329_s_at 207785_s_at	1 Z	0.03
214780 g at	17	0 03	201329 0 2+	17	0.03
214700_3_40	10	0.03	201329_S_at	10	0.03
			20//85_s_at	ΤZ	0.03
213352_at	1z	0.03	202822 at	1 Z	0.03
221712_s_at	1 Z	0.03	201161_s_at	1 Z	0.03
209425 at	1 <b>Z</b>	0.03	218490 s at		
200425_ac	10				0.03
218210_at	1 Z	0.03	208983 <u>s</u> at		
210724_at	1z	0.03	210607 at	1 Z	0.03
212842 x at	1z	0.03	214816 x at	1 Z	0.03
		0.03	219793 at	1 Z	0.03
48030_i_at 212794_s_at	10				
212/94_s_at	12	0.03	206590_x_at		
200876 s at	1 Z	0.03	212457 at	1 Z	0.03
	1 Z	0.03	203904 x at		
203416 at	1Z	0.03	207857 at	1Z	0.03
		0.05			
207008_at	1 Z	0.03	210095_s_at	1 Z	0.03
209512 at	1 Z	0.03	218456 at	1 Z	0.03
210338 s at	1z	0.03	203690_at	12	
202337 at	1Z	0.03			
			227046_at	1 Z	
223024_at		0.03	201384_s_at		0.03
	1 Z	0.03	208716 s at	1 Z	0.03
207671 s at	12	0.03	202910 s at		
219292 at					
<del></del>		0.03	227674_at	1Z	
202813_at	1 Z	0.03	213 <b>6</b> 77_s_at	1 Z	
218443_s_at	1Z	0.03	219922 s at	1 Z	0.03
221490 at	1 Z	0.03	204440 at	1 Z	
202070	1Z	0.03			
203970_s_at	14	0.03	207738_s_at	1 Z	0.03

222157	1 17	0.03	202104	3.07	0 04
222157_s_at			203104_at	1 Z	0.04
219394_at 235021_at	1Z	0.03	211771_s_at 202912_at 217936_at	1 Z	0.04
235021 at	1z	0.03	202912 at	1z	0.04
204012_s_at	12	0.03	217936 at	17	0 04
			217550_ac	10	0.04
203173_s_at			209608_s_at		
201023_at	1Z	0.03	209102 s at	1 Z	0.04
211733 x at	12	0.03	212101 at	12	0.04
211733_x_at 209412_at	10	0.03	212101_40	10	0.04
209412_at	ΙZ	0.03	208424_s_at	IZ	0.04
212826_s_at	1z	0.03	212101_at 208424_s_at 204906_at	1Z	0.04
205504_at	1z	0.03	210754_s_at	1 <i>7</i> .	0.04
222221_00	17	0.03	2210131_5_4	17	
223838_at	14	0.03	221817_at	12	0.04
243100_at 213132_s_at	1 Z	0.03	202678_at 212429_s_at 212170_at	1 Z	0.04
213132 s at	1z	0.03	212429 s at	12	0.04
212627 s at	17	0.03	212170 at	17	0 04
			212170_ac	14	0.04
206834_at	ΙZ	0.03	231876_at		
207233_s_at 39402_at 206006_s_at	1Z	0.03	221896_s_at	1z	0.04
39402 at	1 <i>7</i> .	0.03	203721 s at	12	
200000+	10	0.03	203721_s_at 210993_s_at	10	0.04
206006_s_at	12	0.03	210993_s_at	12	0.04
200648_s_at	1 Z	0.03	211330 s at	1z	0.04
207064 s at	1z	0.03	211988_at	12	0.04
223097 at	17	0.03	202163 6 2+	17	0.04
223097_ac	10	0.03	202163_s_at 1553185_at	14	0.04
207064_s_at 223097_at 206488_s_at	1Z	0.03	1553185_at	1Z	0.04
209375 at	1z	0.03	203351_s_at	1z	0.04
202916_s_at 209571_at 214965_at 204488_at	12	0.03	202635_s_at		0.04
202510_5_40	10	0.03			
2095/1_at	12	0.03	201000_at	12	0.04
214965 at	1Z	0.03	210793_s_at 202236_s_at	1z	0.04
204488 at	1Z	0.03	202236 s at	1 <i>7</i> .	0.04
235410_at	17	0.03	212026	17	0.04
233410_at	14	0.03	213936_x_at		
155476 <mark>9</mark> _at	1Z	0.03	2008 <b>62_at</b>	1 Z	0.04
218512_at 210314_x_at	1z	0.03	219720_s_at 52169_at	1Z	0.04
210314 x at	17.	0.03	52169 at	17	0.04
220855 at	10	0.03	010045	10	
			2122 <b>45</b> _at	1Z	0.04
208982_at	1 Z	0.03	213998 s at	1z	0.04
209105 at	1z	0.03	219696 at	1Z	0.04
209105_at 210113_s_at	17	0.03	213998_s_at 219696_at 222058_at 220954_s_at	17	0.04
210113_3_ac	10	0.03	222030_ac	12	0.04
200723_s_at	12	0.03	220954_s_at	1Z	0.04
221514_at	1Z	0.03	212536 at	1Z	0.04
210116 at	1Z	0.03	217724 at	12	0.04
210116_at 212289_at	17	0.03	212536_at 217724_at 227025_at 222046_at	10	0.01
212209_at	14	0.03	22/025_at	14	0.04
214241_at	1Z	0.03	222046_at	1Z	0.04
214665_s_at 206075_s_at	1 Z	0.03	226704 at	1z	0.04
206075 s at	12	0.03	229491_at		
218870_at	1z	0.03	236711_at	1z	0.04
205497_at	1Z	0.03	210271 at	1z	0.04
208370 s at	1Z	0.03	211866 x at	1z	0.04
218127 at	1Z	0.03	205338_s_at	1Z	0.04
	1Z	0.03	207384_at	1Z	0.04
202174 s at	1Z	0.03	205879 x at	1 Z	0.04
239027 at	1z	0.03	207958 at	1 Z	
<del>_</del>	1Z	0.04			
			208353_x_at	1 Z	
207614_s_at	1Z	0.04	1570347_at	1z	0.04
1552552 s at	1Z	0.04	1568951 at	1 Z	0.04
47069 at	1Z	0.04	206188 at	1Z	
					0.04
22620 <mark>5</mark> _at	1Z	0.04	218318_s_at	1Z	0.04
209578_s_at	1Z	0.04	212872 s at	1z	0.04
200697_at	1Z	0.04	202442_at	1Z	0.04
200077_s_at	1Z	0.04	218265_at	1 Z	0.04
	1z	0.04	200617_at	1Z	0.04
218322 s at	1z	0.04	202641 at	1Z	0.04
218768_at	1Z	0.04	224482 s_at	1Z	0.04
209945_s_at	1Z	0.04	228950_s_at	1Z	0.04
208783_s_at	1z	0.04	203669 s at	1Z	0.04
213532 at	1Z	0.04	204181 s at	1Z	0.04
					· · · ·
208812 x at	1Z	0.04	203334 at	1Z	0.04

223988_x_at			203156_at	1 Z	0.04
218430 s at	1Z	0.04	2209 <b>90</b> s at	1z	0.04
211339_s_at			212594 at		0.04
206978 a+	17	0.04			
206978_at 203447_at	10	0.04	206707_x_at		
203447_at	LΖ	0.04	20256 <b>0</b> _s_at		
228253 <u>a</u> t			221059_s_at	1 Z	0.04
208734 x at	1z	0.04	219 <b>972</b> s at	1Z	0.04
211509_s_at		0.04	20377 <b>4</b> at		0.04
204369 5+					
204369_at 214710_s_at	12	0.04	213646_x_at	14	0.04
			218193_s_at		
201573_s_at			204314_s_at		
1555247 a at	1Z	0.04	213049 at	1Z	0.04
219762 s at	1 Z	0.04	219849_at		0.04
204767 s at			205103 at	17	
209451 at	17	0.04	205103_at 224736_at	17	0.01
			238417 at	1.0	0.04
217737_x_at					
200704_at	1Z	0.04	201786_s_at		
219112_at 214109_at	1Z	0.04	205682_x_at	1z	0.04
214109 at	1 Z	0.04	219313_at 202897_at	1z	0.04
220371 s at	1z	0.04	202897 at	1 %	0.04
220966 x at			203309 s at		
211160_x_at	14	0.04	209657_s_at	12	0.04
220842_at 216941_s_at	1Z	0.04	203992_s_at 200663_at	12	0.04
			200663_at	1Z	0.04
239740 at	1 Z	0.04	217828 at	1Z	0.04
225538_at	1 Z	0.04	218559_s_at		
219007 at	1 7	0 04	201680 v at	12	0.04
219007_at 201903_at	17	0.04	201680_x_at 213761_at	17	0.04
201905_at 202180 s at	10	0.04	213/01_at	14	0.04
			209060_x_at		
212078_s_at			2097 <b>4</b> 8_at		0.04
55705_at	1Z	0.04	215 <b>148</b> _s_at	1Z	0.04
21083 <del>5</del> s at	1 Z	0.04	20 <b>4470</b> at	1z	0.04
201070 x at			203330_s_at	1 Z	0.04
200048 s at			201555 at	1Z	
223887_at	14	0.04	221293_s_at	1Z	0.04
225994_at 229089_at	12	0.04	209317_at 204446_s_at	1z	0.04
229089_at	1 Z	0.04	20 <b>4446_</b> s_at	1z	0.04
235338 s at	1 Z	0.04	207618_s_at	1Z	0.04
238662_at	1 Z	0.04	$215806 \times at$	1z	0.04
219869 s at			202013_s_at 201482_at	12	0.04
214355 x at	17	0.01	202013_3_ac	17	0.04
			201402_at	14	0.04
212570_at			220796_x_at		
204316_at		0.04	219065_s_at		0.04
223259_at	1Z	0.04	209901_x_at	1z	0.04
223318 s at	1 Z	0.04	221679 s at	1Z	
202725 at	1 Z	0.04	219232 s at		
206782 s at			219 <b>947</b> at		
1562511_at	10	0.04	203648_at		
1569552_at	12	0.04	213012_at 203494 s at	1 Z	
1553193_at	1 Z	0.04	203 <b>494_</b> s_at	1 Z	0.04
1569408 at	1Z	0.04	202838_at	1z	0.04
200690 at	1 Z	0.04	200710 at		0.04
218652_s_at			219405_at	1 Z	
1555688 s at			209795 at	1z	
			20313J_at	12	
212835_at		0.04	209795_at 201491_at 206624_at	1Z	
218878_s_at		0.04	200024_ac	12	
219809_at	1Z	0.04	204735_at		0.04
221789 x at	1 Z	0.04	220 <b>6</b> 09_at	1 Z	0.04
204849 at		0.04	206693 at	1Z	
218921 at		0.04	207988 s at		
<del>_</del>		0.04			
213666_at			203160_s_at		
218078_s_at		0.04	209025_s_at	1 Z	0.04
210093_s_at	1 Z		202 <b>91</b> 5_s_at	1 Z	0.04
242760_x_at	1Z	0.04	204867_at	1 Z	0.04
- <b>-</b>			_		

221058_s_at	1 Z	0.04	218710_at	1Z	0.04
204647 at	1 Z	0.04	218867_s_at	1Z	0.04
238063_at	1 Z	0.04	203839 s at		0.04
201175 at	1 Z	0.04	222251 s at		0.04
226259_at		0.04	211563 s at		0.04
218593_at	12	0.04	218228_s_at	1Z	0.04
218593_at 217865_at 213773_x_at	12	0.04	218226_5_dc 218346 s at	1Z	0.04
217005_dc	12	0.04	201584 s at	1Z	0.04
208436 s at	17	0.04	201304_s_at 218970 s at	1Z	0.04
		0.04	218873 at	1Z	0.04
201829_at	10		201833_at	3A	1.89e-09
204542_at 212663_at	17	0.04	201833_ac 211734_s_at	3A	
202695_s_at	17	0.04			1.41e-08
202695_s_at 204176 at		0.04	206240_s_at		5.19e-07
_			212227_x_at	3A	8.64e-07
1558775_s_at		0.04	213326_at	3A	1.44e-06
44111_at		0.04	220661_s_at	3A	1.48e-06
208705_s_at		0.04	208998_at	3A	1.75e-06
209186_at		0.04	215994_x_at	3A	2.57e-06
218454_at	12	0.04	202078_at	3A	6.05e-06
210962_s_at 235645_at	12	0.04	212451_at	3A	8.02e-06
235645_at	12	0.04	213480_at	3A	8.76e-06
215785_s_at	12	0.04	212130_x_at	3A	1.09e-05
217958_at		0.04	212088_at	3A	1.75e-05
208255_s_at	1 Z	0.04	212706_at	3A	1.82e-05
221502_at 206133_at	1 Z	0.04	201013_s_at	3A	1.82e-05
206133_at	1 Z	0.04	222125_s_at		2.33e-05
209674_at		0.04	201140_s_at		2.8e-05
219624_at	1Z	0.04	221935_s_at		3.24e-05
218036_x_at 222311_s_at	1 Z	0.04	220127_s_at		3.27e-05
222311_s_at	1 Z	0.04	219299_at		4.26e-05
212452_x_at		0.04	218448_at		5.52e-05
212286_at	1Z	0.04	204686_at		6.09e-05
208486_at 202918_s_at	1Z	0.04	203685_at	ЗА	6.26e-05
202918_s_at	1Z	0.04	224369_s_at		6.68e-05
216088_s_at		0.04	209702_at		7.73e-05
210948_s_at		0.04	204599_s_at	ЗА	1.11075e-04
203654_s_at		0.04	202356_s_at	3A	1.32223e-04
218347_at	1Z	0.04	224906_at		1.35e-04
222218_s_at		0.04	203810 <u>a</u> t		1.37e-04
1558136_s_at		0.04	205608_s_at		1.37e-04
201528_at		0.04	209366_x_at		1.47862e-04
218064_s_at	1Z	0.04	208410_x_at	ЗА	1.54092e-04
239212_at	1Z	0.04	209398_at	ЗА	1.75e-04
204190_at	1 Z	0.04	221582_at	ЗА	1.85e-04
209949_at	1Z	0.04	212718_at	ЗА	1.88e-04
1553271_at	1Z	0.04	205707_at		2.54266e-04
211251_x_at	1Z	0.04	205632_s_at	ЗА	2.55409e-04
204995_at	1z	0.04	214173_x_at	ЗА	2.72e-04
218478_s_at	1 Z	0.04	202717_s_at	ЗА	2.86995e-04
227286_at	1Z	0.04	230243_at	ЗА	2.91e-04
221920_s_at	1Z	0.04	217388_s_at	ЗА	2.96058e-04
202778_s_at	1 Z	0.04	212305_s_at	ЗА	3.13517e-04
214783_s_at	1Z	0.04	201935_s_at	ЗА	3.21e-04
206028_s_at	1z	0.04	201967_at	ЗА	3.31e-04
209089_at	1 Z	0.04	201524_x_at	ЗА	3.41382e-04
215038_s_at	1Z	0.04	212213_x_at	ЗА	3.44e-04
213322_at	1Z	0.04	208994_s_at	ЗА	3.44e-04
219774_at	1Z	0.04	215718_s_at	ЗА	3.58262e-04
219528_s_at	1Z	0.04	201545_s_at	ЗА	3.59384e-04
211982_x_at	1Z	0.04	220890_s_at	ЗА	3.88094e-04
209148_at	1Z	0.04	200613_at	ЗА	3.89591e-04
48531_at	1Z	0.04	36019_at	ЗА	3.91668e-04
203429_s_at	1z	0.04	214688 <u>a</u> t	ЗА	4.0804e-04
217869_at	1Z	0.04	15 <b>64</b> 785_at	ЗА	4.37e-04

00000			000000		
200697_at		4.56e-04	200765_x_at	ЗА	1.602123e-03
202638_s_at	ЗА	4.65e-04	2180 <b>4</b> 3_s_at	ЗА	1.606842e-03
218955_at	ЗА	4.72008e-04	204054_at	ЗА	1.635446e-03
207859_s_at	ЗА	4.75e-04	AFFX-		
220094 s at	ЗА	4.9573e-04	hum_alu_at	ЗА	1.643601e-03
202029 x at	ЗА	5.12118e-04	218972 at	ЗА	1.643601e-03
221563 at	ЗА	5.23964e-04	205033 s at	ЗА	1.643601e-03
212307 s at	ЗА	5.34925e-04	202221 s at	ЗА	1.685955e-03
214544 s at	ЗА	5.49e-04	201322 at	ЗА	1.753304e-03
235507 at	ЗА	6.01e-04	204252 at	3A	1.78859e-03
202471 s at	3A	6.18e-04	208825 x at	3A	1.843569e-03
200046 at	3A	6.37e-04	224642 at	3A	1.843945e-03
204512 at	3A	6.53986e-04	205114 s at	3A	1.877315e-03
203297 s at	3A	6.83546e-04	223243 s at	3A	1.881087e-03
208686 s at	3A	6.93e-04	208799 at	3A	1.938882e-03
202199 s at	3A	6.95193e-04	222729 at	3A	1.948547e-03
209960 at	3A	7.13e-04	336 at	3A	1.973549e-03
215210 s at	3A	7.34351e-04	226204 at	3A	1.980114e-03
204806 x at	3A	7.43e-04	203436 at	3A	2.021333e-03
221419 s at	3A	7.65296e-04	205609 at	3A	2.021333e-03 2.026774e-03
219512 at	3A	7.03230e-04 7.75e-04	203009_ac 221478 at		
_				3A	2.033847e-03
218633_x_at	3A	7.83e-04	201120_s_at	ЗА	2.037124e-03
202610_s_at	3A	7.88e-04	AFFX-HSAC07/	2.7	0 071400 00
208137_x_at	3A	8.08e-04	X00351_M	3A	2.071403e-03
202437_s_at	3A	8.38694e-04	201556_s_at	3A	2.091658e-03
214844_s_at	3 <b>A</b>	8.4e-04	221676_s_at	3A	2.154619e-03
91684_g_at	3A	8.64e-04	211097_s_at	3A	2.164372e-03
202545_at	3A	8.9e-04	1552978_a_at		2.224207e-03
217805_at	3A	8.94982e-04	200981_x_at	3A	2.243091e-03
201665_x_at	3A	9.3363e-04	202435_s_at	3A	2.271736e-03
213626_at	3A	9.44551e-04	218403_at	3A	2.275438e-03
216547_at	3A	9.96e-04	60471_at	3A	2.334388e-03
205292_s_at	3A	1.028944e-03	222516_at	3A	2.343346e-03
37950_at	3A	1.067292e-03	226455_at	3A	2.369657e-03
209711_at	3A	1.067292e-03	212140_at	3A	2.377205e-03
215606_s_at	3A	1.075892e-03	205919_at	3 <b>A</b>	2.385934e-03
208772_at	3A	1.164431e-03	220731_s_at	3A	2.510773e-03
212763_at	3A	1.17205e-03	203159_at	3A	2.511711e-03
210428_s_at	3A	1.172917e-03	220052_s_at	3 <b>A</b>	
221808_at	ЗA	1.186408e-03	213624_at	3A	
218715_at	3A	1.194611e-03	217232_x_at	ЗА	2.591333e-03
228770_at		1.197841e-03	202623_at		2.591333e-03
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235057_at	3A	1.309919e-03	217992_s_at	3 <b>A</b>	2.60699e-03
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243750_x_at	ЗА	1.478026e-03	218961_s_at	ЗА	2.969483e-03
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33768_at	ЗА	1.587948e-03	212581_x_at	ЗА	3.218957e-03

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202683 s at	3A		_		
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244710 at	3A	4.644132e-03	21 <b>4168</b> _s_at	ЗА	6.252128e-03
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201003_s_at 201251 at	3A	5.062566e-03	202399_s_at 213867 x at	3A	6.689945e-03
at	J.A.	J. 002300E: 03	21300/_X_ac	ЗА	6.70621e-03

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218622 at	ЗА	0:01	1559883 s at	ЗА	0.01
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212840_at	3A	0.01	222406_s_at	3A	0.01
213632_at	3A	0.01	207405_s_at	3A	0.01
204689_at	3A	0.01	226640_at	3A	0.01
220237_at	3A	0.01	206222_at	3A	0.01
208594_x_at	3A	0.01	204565_at	3A	0.01
218627 at	3A	0.01	238701_x_at	3A	0.01
203553_s_at	3A	0.01	212188_at	3A	0.01
219801_at	3A	0.01	207697_x_at	3A	0.01
202880_s_at	3A	0.01	211558_s_at	3A	0.01
219957_at	3A	0.01	223330_s_at	3A	0.01
218519_at	3A	0.01	211714_x_at	3A	0.01
219342_at	3A	0.01	201231_s_at	3A	0.01
207571_x_at	3A	0.01	203680_at	3A	0.01
201506_at	3A	0.01	209148_at	3A	0.01
218768_at	3A	0.01	207668_x_at	3A	0.01
201989_s_at	3A	0.01	210395_x_at	ЗА	0.01

221565 s at	ЗА	0.01	209083_at	ЗА	0.01
218989 x at	3A	0.01	224693 at	ЗА	0.01
203593 at	3A	0.01	227138 at	3A	0.01
212330 at	3A	0.01	224391 s at		0.01
1553749 at		0.01	212335 at	3A	0.01
203300_x_at		0.01	212333_dt 219032_x_at		0.01
222613 at	37	0.01	213971 s at	3A	
223281_s_at	2 M	0.01	<del>-</del>		0.01
223201_S_at	JA.		226761_at	3A	
209574_s_at		0.01	225361_x_at		
200911_s_at	3A	0.01	216438_s_at		
214074_s_at	3A	0.01	206621_s_at	3A	0.01
	3A	0.01	204495_s_at		
219629_at		0.01	209207_s_at		
207908_at		0.01	213039_at	ЗА	
218583_s_at		0.01	209 <b>628_</b> at	ЗА	
200817_x_at 202621 at	ЗА	0.01	218737_at 220138_at	ЗА	
202621_at	ЗА	0.01	220138_at	ЗА	0.01
211997_x_at	3 <b>A</b>	0.01	219287_at	ЗА	0.01
208750_s_at	ЗА	0.01	208 <b>472</b> _at	ЗА	0.01
226151_x_at	ЗА	0.01	209007_s_at	ЗА	0.01
201461 s at	ЗА	0.01	201060 x at		0.01
202856_s_at	3 <b>A</b>	0.01	230561 <u> </u>	ЗА	
224916 at		0.01	214525 x at	ЗА	
220288_at		0.01	215438 x at	ЗА	
$214459 \times at$		0.01	215947 s at		
$211970 \times at$	3A	0.01	204018_x_at	3A	0.01
205370 x at		0.01	204370 at		
208812 x at		0.01	223474 at	3A	
			2209 <b>49</b> _s_at		
200808_s_at 200926_at	3A	0.01	221269_s_at	3A	
204890 s at	3A	0.01	211205_3_dt 211995 x_at	3A	
205170 at		0.01	204892 x at	3A	
202355_s_at		0.01	205898_at	3A	
211404 s at			203696_at 209186 at	3A	
1555349 a at		0.01	209180_at 1553842_at		
218147 s at		0.01	201426 a a+	3A 3A	
			201426_s_at		0.01
202043_s_at		0.01 0.01	202082_s_at	3A	
213986_s_at 1554678 s at			223031_s_at		
		0.01	218322 s_at	3A	
1556047_s_at		0.01	31826_at		0.01
200625_s_at	3A	0.01	203218_at	3A	0.01
200990_at	3A	0.01	201435_s_at	3A	0.01
1557000_at	3 <b>A</b>	0.01	230925_at	3A	0.01
214866_at	3 <b>A</b>	0.01	228569_at	ЗА	0.01
211521_s_at	3A	0.01	206337_at	ЗА	0.01
227697_at	3A	0.01	201298_s_at	ЗА	0.01
207180_s_at	3 <b>A</b>	0.01	210633_x_at	ЗА	0.01
218008_at	3 <b>A</b>	0.01	201020_at	ЗА	0.01
209717_at	3 <b>A</b>	0.01	23 <b>54</b> 79_at	ЗА	0.01
226642_s_at	3 <b>A</b>	0.01	1552942_at	ЗА	0.01
222200_s_at	ЗА	0.01	220202_s_at	ЗА	0.01
208598_s_at	3 <b>A</b>	0.01	226464_at	ЗА	0.01
220071_x_at	ЗА	0.01	200679 x at	ЗА	0.01
238148_s_at	ЗА	0.01	205128 x at	ЗА	0.01
217985_s_at	ЗА	0.01	211251_x_at	ЗА	0.01
223014_at	3A	0.01	20153 <b>4</b> _s_at	ЗА	0.01
200838 at	3 <b>A</b>	0.01	220417 s at	3A	0.01
205006 s at	3A	0.01	201783 s at	3A	0.01
210046 s at	3A	0.01	200783 s at	3A	0.01
213046_at	3A	0.01	212061_at	3A	0.01
200890 s at	3A	0.01	204160 s at	3A	0.01
230550 at	3A	0.01	230690 at	3A	0.01
203605 at	3A	0.01	216652 s at	3A	0.01
201239_s_at	3A	0.01	207700 s at	3A	0.01
	J2 1	J. J.	201100_S_at	JA	0.01

200802 at	3A	0.01	218084 x at	3A	0.02
		0.01			
206964_at	3A		31874_at	3 <b>A</b>	0.02
209555_s_at 208721_s_at	3A	0.01	225890_at	ЗА	
208721 s at	3A	0.01	205763_s_at	ЗА	0.02
222600_s_at	<b>Δ</b> Σ	0.01	214241 at	3A	
2000_5_40			214241_ac		
205510_s_at	3A	0.01	203831_at	3A	
1553088_a_at	3 <b>A</b>	0.01	235388 at	ЗА	0.02
1552320_a_at		0.01	217356_s_at	3A	
202583 s at	27	0.01	219724		
202565_S_at	JA.		218724_s_at	3A	
201501_s_at		0.01	205230_at	ЗА	0.02
200076 s at	3A	0.01	225819_at	3 <b>A</b>	0.02
226763_at		0.01	205781_at	3A	
200173+	27				
202173_s_at 219165_at	3A	0.01	209436_at	3A	
219165_at	3A	0.01	201804_x_at	ЗА	0.02
206049 at	3A	0.01	$1554770 \times at$	3A	0.02
202860_at		0.01	225634 at	3A	
221437_s_at 205099_s_at	ЗA	0.01	218769_s_at	ЗА	
205099_s_at	ЗА	0.01	226442_at	3A	0.02
203258 at	3 <b>A</b>	0.01	226283 at	3A	0.02
218684 at			203647 s at	3A	
208035_at	ЗA	0.01	212006_at	3A	0.02
223037_at 213738_s_at	3 <b>A</b>	0.01	228167_at	ЗА	0.02
213738 s at	3 A	0.01	201079 at	3 <b>A</b>	
220796 x at	27	0.01	202436 s at	27	0.02
221744_at		0.01	213261_at	ЗА	
235327_x_at 218450_at	3 <b>A</b>	0.01	211495_x_at	ЗА	0.02
218450 at	3A	0.01	202855 s at	3 <b>A</b>	
209984 at	27				
		0.01	201216_at		0.02
202882_x_at		0.01	220775_s_at	ЗА	0.02
213746 s at	ЗА	0.01	204789_at	ЗА	0.02
205451 at		0.02	205060 at	ЗА	
	3A	0.02	205060_at 202424_at		
			202424_at	3A	
211537_x_at		0.02	213084_x_at	ЗА	0.02
200781_s_at	ЗА	0.02	203874 s at	3A	0.02
212159 x at	3 <b>A</b>	0.02	219206 x at	3A	
203966 s at	3 <b>A</b>	0.02	205013 s at		
203900_s_at	3A			3A	
227421_at		0.02	231188_at	ЗА	0.02
219620_x_at	3A	0.02	212459 x at	ЗА	0.02
219860_at 214583_at	3A	0.02	204169_at	3A	0.02
21/583 at	3.7	0.02	202530 at		
214363_at	3A		202530_at		
212869_x_at		0.02	217955_at	ЗА	0.02
	3A	0.02	207630 s at	3A	0.02
217762_s_at	3 <b>A</b>	0.02	202420_s_at	3A	0.02
223022 s at	3A	0.02	236027 at	3A	
					0.02
211745_x_at	3 <b>A</b>	0.02	1563088_a_at		0.02
202096_s_at	3A	0.02	31845_at	ЗА	0.02
205139_s_at	3 <b>A</b>	0.02	218280 x at	ЗА	0.02
207738 s at	3 <b>A</b>	0.02	212437 at	ЗА	0.02
208024 s at					
<b>— —</b>	3A	0.02	212241_at	ЗА	0.02
208610_s_at	3 <b>A</b>	0.02	201108_s_at	ЗА	0.02
1552773 at	3A	0.02	224585 x at	ЗА	0.02
235241 at	3A	0.02	225558_at	3 <b>A</b>	0.02
202381_at	3A	0.02	217724_at	ЗА	0.02
204361_s_at	3 <b>A</b>	0.02	217751_at	ЗА	0.02
203314 at	3A	0.02	216231 s at	3A	0.02
201295 s at	3A	0.02	217336 at	3A	
					0.02
211769_x_at	3A	0.02	204528_s_at	3 <b>A</b>	0.02
210568_s_at	3 <b>A</b>	0.02	222623 s at	ЗА	0.02
1552612 at	3A	0.02	211271 x at	ЗА	0.02
213998 s at	3A	0.02			
			203221_at	3A	0.02
205408_at	3 <b>A</b>	0.02	204908_s_at	3A	0.02
214629_x_at	3 <b>A</b>	0.02	205745 x at	ЗА	0.02
204646 at	3A	0.02	209116 x at	3 <b>A</b>	0.02
36030 at	3A	0.02	201891 s at	3A	
50000_ac	JA	0.02	201031_S_at	JA	0.02

001400	~ ~	0 00	007007 -+	2.7	0 00
221498_at		0.02	227887_at	ЗА	0.02
205419_at	3 <b>A</b>	0.02	219690_at	ЗА	0.02
201784 s at		0.02	228075 x at	3 <b>A</b>	0.02
208325_s_at		0.02	209569_x_at	3A	
					0.02
	3 <b>A</b>	0.02	209065_at	ЗА	0.02
200607 s at	ЗА	0.02	221875 x at	ЗА	0.02
220925_at		0.02	218018_at	ЗА	0.02
220323_ac					
	3 <b>A</b>		204494_s_at	ЗА	0.02
71933_at	3 <b>A</b>	0.02	205571_at	ЗА	0.02
227180 at	3 <b>A</b>	0.02	218 <b>649</b> x at	ЗА	0.02
217981_s_at		0.02	208975_s_at	ЗА	0.02
217901_5_40	277				
218883_s_at 218803 at	JA.	0.02	1569594_a_at		0.02
218803_at	3 <b>A</b>		37793_r_at	ЗА	0.02
217978 s at	3 <b>A</b>	0.02	74694_s_at	ЗА	0.02
212814 at			$21466\overline{6}$ $\overline{x}$ at	ЗА	
225370_at		0.02	218812_s_at	3A	
208876_s_at		0.02	203932_at 217942_at	ЗА	0.02
213775 x at	3 <b>A</b>	0.02	217942 at	ЗА	0.02
220940 at			222503_s_at	ЗА	
_			202853 s at		
214995_s_at			<del></del>		
215158_s_at	3 <b>A</b>	0.02	201676_x_at	3A	
229553 at		0.02	2039 <b>4</b> 3 at	ЗА	0.02
203817 at	3 <b>A</b>	0.02	214730_s_at	ЗА	0.02
220367 s at		0.02	217299 s at	3A	
235306_at	ЗA	0.02	204084_s_at	ЗА	0.02
200674_s_at 203305_at	3A	0.02	209539 at	ЗА	0.02
203305 at	3 <b>A</b>	0.02	203085_s_at	ЗА	0.02
215813 s at			209370 s at	3A	
203528_at	3A	0.02	200696_s_at	3 <b>A</b>	0.02
226354_at 207313_x_at	3 <b>A</b>	0.02	200964_at	ЗА	0.02
207313 x at	3 <b>A</b>	0.02	205353 s at	3A	0.02
217960 s at	3A	0.02	220146 at		0.02
208729 x at		0.02	224472 x at		0.02
2182 <b>4</b> 3_at	ЗA	0.02	200665_s_at	3A	0.02
217216_x_at		0.02	208961_s_at	ЗА	0.02
203459_s_at	3 <b>A</b>	0.02	202757 at	3A	0.02
206209 s at		0.02	206157 at	ЗА	0.02
	3A	0.02	209188_x_at	3A	0.02
201166_s_at			210387_at 224575_at	3 <b>A</b>	0.02
203973 <u>s</u> at		0.02	224575_at	ЗА	0.02
218999 at	3 <b>A</b>	0.02	35671_at	3A	0.02
238642_at	3 <b>A</b>	0.02	20158 <mark>4</mark> _s_at		0.02
217811 at	3A	0.02	233467 s at	3A	0.02
207724_s_at	3 <b>A</b>	0.02	222067_x_at	ЗА	0.02
221695_s_at	3 <b>A</b>	0.02	213671_s_at	ЗА	0.02
222690_s_at	3 <b>A</b>	0.02	201526 at	3A	0.02
208692 at	3A	0.02	218004 at	3A	0.02
212160 at	3 <b>A</b>	0.02	217783 s at	3A	0.02
211015_s_at	3 <b>A</b>	0.02	2317 <b>4</b> 7_at	3A	0.02
224674_at	3 <b>A</b>	0.02	203105 s at	ЗА	0.02
201527 at	3 <b>A</b>	0.02	202915 s at	ЗА	0.02
222464 s at	3 <b>A</b>	0.02	220566 at	3 <b>A</b>	0.02
224977_at	3A	0.02	208996_s_at	ЗА	0.02
207289_at	3 <b>A</b>	0.02	207808_s_at	3A	0.02
223303 at	3 <b>A</b>	0.02	221208 s at	ЗА	0.02
632 at	3 <b>A</b>	0.02	218298 s at	3 <b>A</b>	0.02
218514 at	3 <b>A</b>	0.02	1554464 a at		0.02
206976_s_at	3A	0.02	212363_x_at	ЗА	0.02
204351_at	3 <b>A</b>	0.02	221006_s_at	ЗА	0.02
204109 s at	3 <b>A</b>	0.02	208886 at	3A	0.02
211951 at	3A	0.02	206491 s at	3A	0.02
_					
204158_s_at	3A	0.02	212220_at	3A	0.02
217106_x_at	3 <b>A</b>	0.02	217862_at	3A	0.02
206846_s_at	ЗА	0.02	229563_s_at	3 <b>A</b>	0.02

218454_at	ЗА	0.02	202959_at 206283_s_at 20139_s_at 204992_s_at 215399_s_at 202950_at 226448_at 216061_x_at 205659_at 214369_s_at 221027_s_at 207198_s_at 207198_s_at 200004_at 1553967_at 222975_s_at 201360_at 1569887_a_at 201403_s_at 201403_s_at 201403_s_at 2014978_at 212772_s_at 223329_x_at 201065_s_at 201257_x_at 223329_x_at 201257_x_at 223283_s_at 201257_x_at 223283_s_at 201643_s_at 201643_s	ЗА	0.03
223115_at	ЗА	0.02	206283_s_at	ЗА	0.03
2103 <b>4</b> 7_s_at	ЗА	0.02	221139 <u>_</u> s_at	ЗА	0.03
235568_at	ЗА	0.03	204992_s_at	3A	0.03
231973_s_at	ЗА	0.03	215399 s at	ЗА	0.03
217863 at	3 <b>A</b>	0.03	202950_at	ЗА	0.03
203970_s_at	ЗА	0.03	226 <b>448</b> at	ЗА	0.03
203485_at	ЗА	0.03	216061 x at	ЗА	0.03
204655_at	ЗА	0.03	205659 at	ЗА	0.03
202131_s_at 205887_x_at	ЗА	0.03	214369 <u>s</u> at	3A	0.03
205887_x_at	ЗА	0.03	221027_s_at	ЗА	0.03
201098_at			207198_s_at	3A	0.03
202361_at	ЗА	0.03	200004_at	ЗА	0.03
203269_at	ЗА	0.03	1553967_at	3A	0.03
218512_at 214163_at	ЗА	0.03	222975_s_at	3A	0.03
214163_at	ЗА	0.03	201360_at	ЗА	0.03
211316_x_at	ЗА	0.03	$156988\overline{7}$ a at	ЗА	0.03
213501_at			201 <b>4</b> 03_s_at	ЗА	0.03
201110_s_at 219253 at	ЗА	0.03	232520 <u>s</u> at	ЗА	0.03
219253_at	3 <b>A</b>	0.03	218919_at	ЗА	0.03
227740_at	3 <b>A</b>	0.03	20 <b>4978</b> at	ЗА	0.03
222392 x at	3 <b>A</b>	0.03	212772 s at	ЗА	0.03
207520_at	3 <b>A</b>	0.03	22 <b>3</b> 329_x_at	ЗА	0.03
204184_s_at 212720 at	3 <b>A</b>	0.03	201065 s at	ЗА	0.03
212720_at	3 <b>A</b>	0.03	201065_s_at 201257_x_at	3 <b>A</b>	
220532 s at	3 <b>A</b>	0.03	223283_s_at	ЗА	
224984_at	3 <b>A</b>	0.03	213622 at	3A	
220079 s at	ЗА	0.03	222837 <u>s</u> at	ЗА	
220079_s_at 79005_at	ЗА	0.03	209538 at	3A	
20591 <del>7</del> at	ЗА	0.03	221643 <u>_</u> s_at	ЗА	0.03
205922 <u>a</u> t	3 <b>A</b>	0.03	208730 x at	ЗА	0.03
225997_at	3 <b>A</b>	0.03	206860 <u>_</u> s_at	3A	
225997_at 210561_s_at	ЗА	0.03	208931 s at	ЗА	0.03
207564_x_at	3A	0.03	208892 <u>_</u> s_at	ЗА	0.03
201661_s_at			230597_at	ЗА	0.03
219910_at	ЗА	0.03	215222 <u>x</u> at	3A	0.03
225281_at 204244_s_at	ЗА	0.03	225 <b>25</b> 3_s_at	ЗА	0.03
20 <b>4244_</b> s_at	ЗА	0.03	221607_x_at	ЗА	0.03
221516_s_at			6300 <b>9_</b> at	3A	0.03
1563849_at	3 <b>A</b>	0.03	205338_s_at	3A	0.03
202200_s_at 210543_s_at	ЗА	0.03	226387_at	3A	0.03
2105 <b>4</b> 3_s_at	ЗА	0.03	225626_at	ЗА	0.03
201858_s_at	3 <b>A</b>	0.03	212359_s_at	ЗА	0.03
57163_at	3 <b>A</b>	0.03	207665_at	3 <b>A</b>	0.03
201214 <u>_</u> s_at	3 <b>A</b>	0.03	225 <b>64</b> 9_s_at	3A	0.03
235032_at	3 <b>A</b>	0.03	218216_x_at	3A	0.03
227379_at	3 <b>A</b>	0.03	1555775 <u>a</u> _at	ЗА	0.03
214246_x_at	3A	0.03	204029_at	3A	0.03
210638_s_at	ЗА	0.03	222754_at	3A	0.03
202499_s_at	3 <b>A</b>	0.03	218376_s_at	3A	0.03
207601_at	3A	0.03	204924_at	ЗА	0.03
1552829_at	ЗА	0.03	212240_s_at	3A	0.03
200701_at	3A	0.03	200853_at	ЗА	0.03
200678_x_at	ЗА	0.03	218859 <u>s</u> at	ЗА	0.03
201912_s_at	3A	0.03	214359_s_at	3 <b>A</b>	0.03
200999_s_at	3A	0.03	216032_s_at	ЗA	0.03
202975_s_at	ЗА	0.03	207674_at	ЗА	0.03
211004_s_at	3A	0.03	2089 <b>4</b> 5_s_at	ЗА	0.03
224796_at	3A	0.03	231540_at	ЗА	0.03
218456_at	3A	0.03	200742_s_at	ЗА	0.03
226404_at	3 <b>A</b>	0.03	204336_s_at	3 <b>A</b>	0.03
209890_at	3 <b>A</b>	0.03	222555_s_at	ЗА	0.03
223306_at	3 <b>A</b>	0.03	209839_at	ЗА	0.03
212012_at	3 <b>A</b>	0.03	212 <b>4</b> 57_at	ЗА	0.03

209154_at	3A	0.03	202709 at	ЗА	0.03
	3A	0.03	202709_at 241379_at	ЗА	
202140_s_at	ЗА	0.03	203474 at	ЗА	0.03
208655_at		0.03	201700_at	ЗА	0.03
217788_s_at	ЗА	0.03	202006 at	ЗА	0.03
209265_s_at 202084_s_at	ЗА	0.03		ЗА	0.03
202084 s at	3A	0.03	204299_at 208846_s_at	ЗА	0.03
201950 x at	3 <b>A</b>	0.03	203989 <u>_</u> x_at	ЗА	0.03
203913 s at	3A	0.03	201425 at	3A	0.03
212014_x_at	ЗА	0.03	208910_s_at	ЗА	0.03
		0.03	220785_at	ЗА	0.03
226536_at 225406_at	3 <b>A</b>	0.03	241620 at	ЗА	0.03
207761 s at	ЗА	0.03	22 <b>4</b> 209_s_at	ЗА	0.03
241742_at	3 <b>A</b>	0.03	205842_s_at	3A	0.03
206050_s_at	3 <b>A</b>	0.03	209911_x_at	3A	0.03
204834 at	3 <b>A</b>	0.03	220980 s at	ЗА	0.03
203508 at	3 <b>A</b>	0.03	202377 at	ЗА	0.03
200057_s_at	3 <b>A</b>	0.03	208684 at	ЗА	0.03
218111 s at	3 <b>A</b>	0.03	227291 <u>s</u> at	ЗА	0.03
214049_x_at	3 <b>A</b>	0.03	201413_at 214519_s_at	ЗА	0.03
214672_at			214519 s at	ЗА	0.03
223637_s_at	ЗА	0.03	204861_s_at	3A	0.03
217728_at			209522 s at	ЗА	0.03
217991_x_at 204039 at	3 <b>A</b>	0.03	200852 <u>x</u> at	3A	0.03
204039_at	ЗА	0.03	227094_at	ЗА	0.03
204232_at			235802_at	ЗА	0.03
221267_s_at			219485_s_at	ЗА	0.03
202742_s_at	3A	0.03	219497_s_at	ЗА	0.03
201533_at 226994_at	3 <b>A</b>	0.03	213607_x_at	ЗА	
				ЗА	0.03
200611_s_at		0.03	210912_x_at	ЗA	
202321_at	ЗА	0.03	218249_at	3A	
203825_at 226823_at	ЗА	0.03	223386_at	3 <b>A</b>	
226823_at	3A		238439_at	ЗА	
208634_s_at		0.03	210044_s_at	3A	
	3 <b>A</b>	0.03	204050_s_at	3A	
205554_s_at 204821_at	3A	0.03	208018_s_at	3 <b>A</b>	0.04
204821_at	3A		203900_at	3A	
	3A	0.03	219123_at	3A	
219639_x_at		0.03	201178_at	3 <b>A</b>	
204103_at	3A	0.03	218123_at	3A	0.04
201123_s_at	3A	0.03	219288_at	3A	0.04
212733_at	3A	0.03	238937_at	3 <b>A</b>	0.04
218709_s_at	3A	0.03	201151_s_at	3 <b>A</b>	0.04
201157_s_at	3A	0.03	202464_s_at	3A	0.04
222528_s_at	3A	0.03	208696_at	3A.	0.04
219757_s_at	3A	0.03	216997_x_at	3A	0.04
222530_s_at	3A	0.03	207464_at	3A	0.04
217766_s_at	3A	0.03	219695_at	3A	0.04
222634_s_at 202634 at	3A	0.03	223398_at	3A	0.04
	3A		243_g_at	3A	0.04
209060_x_at	3A	0.03	214743_at	3A	0.04
202203_s_at	3A 3A	0.03	215049_x_at	3A	0.04
224240_s_at			216689_x_at	3A	0.04
211009_s_at 225173 at	3A	0.03	217673_x_at	3A	0.04
223173_at 223608 at	3A 3A	0.03	203376_at	3A	0.04
_		0.03	210996_s_at	3A	0.04
226767_s_at 228867 at	3A 3A	0.03	209458_x_at	3A	0.04
		0.03	202448_s_at	3A	0.04
204071_s_at 211815 s at	3A 3A	0.03	206559_x_at	3A	0.04
202120 x at	3A 3A	0.03	206704_at 207659_s_at	3A 3A	0.04
205664 at	3A	0.03	207659_s_at 1558136 s at		$0.04 \\ 0.04$
203664_at 211185 s at	3A	0.03			
511102 Z gt	ЭH	0.03	1552309_a_at	SН	0.04

1554240_a_at	ЗА	0.04	201468_s at	ЗА	0.04
201721 s at	3 <b>A</b>	0.04	214847_s_at	3A	0.04
			235101 at	3 <b>A</b>	
201050_at 200933_x_at	)A	0.04	235181_at 209806_at		
200933_x_at	ЗA		209806_at	ЗА	
202510 s at	3 <b>A</b>	0.04	212719_at	3A	0.04
218845 at		0.04	202408 s at		
				3A	
212194_s_at	JA.	0.04	227814_at		
206478_at	ЗА	0.04	2253 <b>4</b> 6_at	ЗА	0.04
206478_at 225864_at	ЗА	0.04	225346_at 214953_s_at	ЗА	0.04
211971_s_at	3 Z	0.04	201670 s at	37	0.04
214974_x_at			218819_at		
226194_at	3A	0.04	211429_s_at	3A	0.04
207081 s at	3A	0.04	220577 at	3A	0.04
207081_s_at 201074_at	3.1/	0.04	1553297 a at		
202484 <u>s_at</u>			213507_s_at		
218062_x_at	3A	0.04	203725_at	3A	0.04
37028 at	3A	0.04	238356 at	ЗΔ	
201473 at	3.7	0.04	238356_at 225899_x_at	37	0.01
37028_at 201473_at 215646_s_at	3A	0.04	223699_x_at	JA.	0.04
215646_s_at	3A	0.04	227021_at		
32091 at	3A	0.04	2256 <b>4</b> 7 s at	3 <b>A</b>	0.04
21213 <mark>8</mark> _at			203745_at		
207525+	27	0.01			
207535_s_at 1552733_at	3A	0.04	223262_s_at	3A	0.04
1552733_at	ЗА	0.04	242056_at	ЗА	0.04
203373 at	3A	0.04	201731 s at	3A	0.04
225052 <u>a</u> t			242517 at		
223032_ac	27	0.04			
200785_s_at 222985_at	3A	0.04	235222 <u>x</u> at 212625_at	ЗA	0.04
222985_at	3A	0.04	212625 at	ЗА	0.04
210807 s at	3A	0.04	204115_at	ЗА	
205752_s_at			1553252 a at	3 2	
207419_s_at 208773_s_at	3A	0.04	212910_at	ЗA	0.04
208773_s_at	ЗА	0.04	218491 s at	ЗА	0.04
212539_at	ЗА	0.04	211115_x_at	3A	0.04
203306 s at			202572 s at		
121_at		0.04	21 <b>3004</b> _at	ЗA	
1567107_s_at	3A	0.04	206631 at	ЗА	0.04
210759 s at	ЗА	0.04	$155271\overline{3}$ a at	3A	0.04
218287 s at			1556285 s at		
218352_at	3A	0.04	212780_at		
201450_s_at 203309_s_at	ЗА	0.04	241596_at	ЗА	0.04
203309 s at	3A	0.04	1553411 s at	3A	0.04
201847_at	AΣ	0.04	224416 s at		
200864_s_at			221819_at		
208384_s_at	3A	0.04	209520_s_at	ЗА	0.04
218367 x at	3 <b>A</b>	0.04	203279 at	3A	0.04
205080 at	ЗА	0.04	218473 s at	3A	0.04
		0.04	225390 s at		
	3 <b>A</b>				0.04
223253_at	3A	0.04	39 <b>4</b> 02_at	ЗА	0.04
205715 at	ЗА	0.04	212549 at	3A	0.04
200640 at	ЗА	0.04	204342 at	3A	0.04
201052 s at		0.04	223163 s at		0.04
1552386_at	ЗA	0.04	212055_at	ЗА	0.04
202422 s at	ЗА	0.04	202092_s_at	ЗА	0.04
218729 at	ЗА	0.04	205291 at	3A	0.04
209765 at		0.04	200716 x at		
	3A			3A	0.04
1555154_a_at		0.04	201864_at	3A	0.04
203744 at	ЗА	0.04	224377 s at	ЗА	0.04
223738 s at	3A	0.04	224731 at	3 <b>A</b>	0.04
			<del></del>		
53720_at	3 <b>A</b>	0.04	224707_at	3 <b>A</b>	0.04
202194_at	ЗА	0.04	235744_at	3A	0.04
228228 at	ЗА	0.04	230572 at	ЗА	0.04
235003 at	3 <b>A</b>	0.04	203377 s at	3A	0.04
200754_x_at	3A	0.04	203922_s_at	3A	0.04
200895_s_at	ЗА	0.04		ЗА	0.04
225307 at	ЗА	0.04	223298 s at	ЗА	0.04
_			<b>— —</b>		

202654_x_at	3A	0.04	203690 at	3B	5.17e-04
206916 x at	ЗА	0.04	203945 at	3B	5.53e-04
206770 s at	3A	0.04	223445 at	3B	5.57e-04
208754 s at	3A	0.04	1553842 at	3B	5.81e-04
200972 at	3 <b>A</b>	0.04	202121 s at	3B	5.92e-04
220078_at	3A	0.04	203879 at	3B	6.12e-04
226996 at	3A	0.04	235340 at	3B	6.14e-04
208933 s at	3 <b>A</b>	0.04	223674 s at	3B	6.21e-04
1553155_x_at		0.04	225351 at	3B	6.34e-04
201106 at	ЗА	0.04	204098 at	3B	6.4e-04
1555609_a_at		0.04	218094 s_at	3B	6.64e-04
238002 at	3A	0.04	204872 at	3B	6.98e-04
204652 s at	3 <b>A</b>	0.04	235626 at	3B	7.07e-04
210944_s_at	ЗА	0.04	211185 s at	3в	7.34e-04
218797_s_at	ЗА	0.04	217883_at	3B	7.37e-04
214615_at	ЗА	0.04	201400_at	3B	7.48e-04
206139_at	3A	0.04	209916_at	3B	7.78e-04
217838_s_at	ЗА	0.04	22552 <b>4</b> _at	3в	8.03e-04
201566_x_at	ЗА	0.04	217043_s_at	3B	8.34e-04
200012_x_at	3A	0.04	1487_at	3B	8.34e-04
203274_at	3 <b>A</b>	0.04	201377_at	3B	8.34e-04
207072_at	3 <b>A</b>	0.04	239163_at	3B	8.39e-04
225496_s_at	3A	0.04	220326_s_at	3B	8.39e-04
220944_at	3A	0.04	219337_at	3B	8.48e-04
223309_x_at	3A	0.04	217529_at	3B	8.48e-04
226080_at	3A	0.04	205546_s_at		8.73e-04
212411_at	3B	1.98e-06	204674_at	3B	9.08e-04
200851_s_at	3B	1.02e-05	204658_at	3B	9.08e-04
213590_at	3B	1.93e-05	203250_at	3B	9.08e-04
1558111_at	3B	2.12e-05	204072_s_at	3B	9.31e-04
210340_s_at		2.16e-05	1552863_a_at		9.34e-04
203363_s_at 204563_at	3B 3B	4.46e-05 6.23e-05	1552942_at	3B	9.6e-04
208054 at		6.5e-05	20 <b>4</b> 627_s_at 208791 at	3B 3B	9.79e-04 9.79e-04
215037 s at	3B	7.37e-05	206094_x_at	3B	1.052826e-03
1553575 at	3B	1.15e-04	201997 s at	3B	1.052020e 03 1.053371e-03
209006_s_at	3B	1.36e-04	220704 at	3B	1.056234e-03
204220 at	3B	1.46e-04	1555522_s at		1.078801e-03
206452_x_at	3B	1.54e-04	231747 at	3B	1.088372e-03
218419 s at	3B	1.71e-04	225848 at	3B	1.100857e-03
201743_at	3B	1.72e-04	215452 x at	3B	1.101455e-03
201266 at	3B	1.93e-04	201250 s at	3B	1.134152e-03
238851 at	3B	1.98e-04	225537 at	3B	1.147331e-03
219066_at	3B	2.32e-04	237426 at	3B	1.149335e-03
226168_at	3B	2.54e-04	227920_at	3B	1.178648e-03
223419_at	3B	2.66e-04	200853_at	3B	1.214825e-03
217917_s_at	3B	2.67e-04	226319_s_at	3B	1.21828e-03
204122_at	3B	2.79e-04	203232_s_at	3B	1.239183e-03
213280_at	3B	2.8e-04	1553311_at	3B	1.249871e-03
1554168_a_at	3B	2.83e-04	201661_s_at	3B	1.302098e-03
210504_at	3B	3.22e-04	202938_x_at	3B	1.322951e-03
202284_s_at	3B	3.27e-04	225177_at	3в	1.334483e-03
220610_s_at	3B	3.42e-04	202778_s_at	3B	1.335983e-03
234486_at	3B	3.57e-04	1567214_a_at		1.350419e-03
221873_at	3B	3.59e-04	223649_s_at	3B	1.377826e-03
219860_at	3B	3.74e-04	209110_s_at	3B	1.400175e-03
227378_x_at	3B	3.83e-04	212629 s_at	3B	1.40225e-03
227540_at	3B	3.95e-04	223947 s_at	3B	1.405785e-03
236621_at 201828_x_at	3B	4.12e-04 4.14e-04	220702_at	3B	1.420478e-03
201626_x_at 218737 at	3B 3B	4.14e-04 4.2e-04	202181_at 200048 s at	3B	1.431856e-03
223002 s at	3B	4.26e-04	200048_s_at 226404 at	3B	1.44383e-03
230375 at	3B	4.5e-04 4.5e-04	1553955 at	3B 3B	1.458964e-03 1.47069e-03
202852 s at	3B	4.62e-04	1562511 at	3B	1.470833e-03
	J_		aL	20	T.1.0000E-00

202537_s_at	3B	1.479456e-03	219285_s_at	3B	2.421136e-03
218511 s at	3в	1.483284e-03	204446 s at	3B	2.439418e-03
221211 s at	3B	1.503211e-03	204772 s at	3B	2.460071e-03
227855 at	3B	1.519667e-03	203239_s_at	3B	2.466698e-03
1559964 at	3B	1.525019e-03	206789_s_at	3B	2.474436e-03
211815_s_at	3B	1.528407e-03	221563 at	3B	2.478272e-03
218376 s at	3B	1.532117e-03	202826 at	3B	2.482822e-03
222721 at	3B	1.537004e-03	221698 s at	3B	2.496476e-03
221205 at	3B	1.54324e-03	219031 s at	3B	2.535996e-03
227268_at	3B	1.550555e-03	201865 x at	3B	2.561737e-03
208996_s_at	3B	1.561153e-03	204419_x_at	3B	2.575469e-03
200775 s at	3B	1.56484e-03	204225 at	3B	2.593008e-03
213387 at	3B	1.593222e-03	213506 at	3B	2.597206e-03
205270 s at	3B	1.634354e-03	204480 s at	3B	2.617589e-03
206621_s_at	3B	1.65e-03	206003_at	3B	2.639543e-03
205327 s at	3B	1.673713e-03	208885 at	3B	2.642732e-03
222472 at	3B	1.701189e-03	$155560\overline{6}$ a at	3B	2.644566e-03
204081 at	3B	1.702237e-03	$208137 \times at$	3B	2.66768e-03
201652_at	3B	1.72919e-03	201178 at	3B	2.672216e-03
218165_at	3B	1.736146e-03	210638_s_at	3B	2.713596e-03
218030_at	3в	1.762458e-03	201186 at	3B	2.714935e-03
203715_at	3в	1.770979e-03	209019 <u>s</u> at	3B	2.723144e-03
202922_at	3в	1.772854e-03	244871_s_at	3B	2.727377e-03
219336_s_at	3B	1.774878e-03	225882_at	3B	2.736326e-03
1554316_at	3B	1.800819e-03	39313_at	3B	2.737005e-03
213940_s_at	3B	1.844661e-03	226018_at	3B	2.746298e-03
201059_at	3B	1.854447e-03	201071_x_at	3B	2.747647e-03
203481_at	3в	1.88754e-03	225178_at	3B	2.760659e-03
209301_at	3В	1.889731e-03	212774_at	3B	2.777465e-03
204732_s_at	3В	1.913666e-03	220242_x_at	3B	2.781287e-03
209556_at	3B	1.939233e-03	205119_s_at	3B	2.789584e-03
219846_at	3B	1.956853e-03	228751_at	3B	2.794065e-03
219901_at	3B	1.972096e-03	1569257_at	3B	2.814895e-03
218769_s_at	3B	1.998422e-03	58367_s_at	3B	2.819936e-03
206586_at	3B	2.040318e-03	224190_x_at	3B	2.883779e-03
209945_s_at	3B	2.049523e-03	212669_at	3B	2.915723e-03
1569408_at	3B	2.079483e-03	209426_s_at	3B	2.927482e-03
219788_at	3B	2.094499e-03	212888_at	3B	2.938951e-03
202947_s_at	3B	2.096256e-03	204042_at	3B	2.942164e-03
225818_s_at 36994 at	3B 3B	2.12875e-03 2.143866e-03	218803_at	3B	2.946154e-03 2.950391e-03
202957 at	3B	2.144282e-03	202128_at 218845 at	3B 3B	2.955894e-03
1569600 at	3B	2.151209e-03	203185 at	3B	2.964315e-03
218639 s at	3B	2.178996e-03	233841 s at	3B	3.001751e-03
217559 at	3B	2.180534e-03	219392 x at	3B	3.011935e-03
211784_s_at	3B	2.221214e-03	225925_s_at	3B	3.036904e-03
244756 at	3B	2.234825e-03	219549 s at	3B	3.046302e-03
206861 s at	3B	2.242078e-03	218969 at	3B	3.059911e-03
236006 s at	3B	2.250142e-03	1007 s at	3B	3.070848e-03
218831 s at	3B	2.25183e-03	240859_at	3B	3.088709e-03
207563 s at	3B	2.259904e-03	225487 at	3B	3.09796e-03
221540 x at	3B	2.26211e-03	221499 s at	3B	3.099874e-03
223446 s at	3B	2.262127e-03	223592 s at	3B	3.117374e-03
211841 s at	3B	2.278993e-03	218999 at	3B	3.130028e-03
204034_at	3B	2.307645e-03	212430 at	3B	3.137759e-03
219862 s at	3B	2.317e-03	203624 at	3B	3.174958e-03
214428_x_at	3B	2.323465e-03	214273 x at	3B	3.233107e-03
218950_at	3B	2.32911e-03	227693_at	3B	3.254175e-03
155340 <u>1</u> at	3B	2.333817e-03	37796_at	3В	3.256577e-03
212360 <u>a</u> t	3B	2.348604e-03	21432 <u>7</u> _at	3В	3.256577e-03
211961_s_at	3B	2.349123e-03	218062_x_at	3B	3.256577e-03
213009_s_at	3B	2.351499e-03	204520_x_at	3B	3.256577e-03
224865_at	3B	2.380331e-03	206544_x_at	3B	3.256577e-03
214321_at	3B	2.386979e-03	206764_x_at	3B	3.256577e-03

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209296_at	3В	3.292707e-03	223266_at	3B	4.584052e-03
205770 at	3B	3.302358e-03	210172 at	3B	4.614249e-03
235110 at	3B	3.32121e-03	218221 at	3B	4.615428e-03
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204949_at	3B	3.326996e-03	226500_at	3B	4.62512e-03
219672_at	3B	3.386488e-03	214783 s at	3B	4.643163e-03
219641 at	3B	3.387132e-03	207941 s at	3B	4.651285e-03
201562_s_at		3.389596e-03			
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200899_s_at	3B	3.393249e-03	222133_s_at	3B	4.680832e-03
207671 s at	3в	3.396065e-03	202860 at	3B	4.727029e-03
208879 x at	3B	3.495997e-03	207979 s at	3B	4.72854e-03
200660_at	3B	3.504228e-03	2038 <b>4</b> 6_at	3В	4.73922e-03
209135 at	3B	3.521841e-03	216105 x at	3B	4.774414e-03
$33322 \overline{i}$ at	3B	3.558953e-03	205841 at	3B	4.800957e-03
213606_s_at	3B	3.562238e-03	225563_at	3B	4.833054e-03
217737_x_at	3в	3.565037e-03	211316 x at	3B	4.866795e-03
230259 at	3B	3.60425e-03	212483 at	3B	4.877607e-03
211152 s at	3B	3.617778e-03	207339 s at	3B	4.879968e-03
214048_at	3B	3.623785e-03	227490_at	3В	4.891144e-03
217806 s at	3B	3.628541e-03	212983 at	3B	4.907504e-03
217963 s at	3B	3.642146e-03	$156930\overline{2}$ at	3В	4.909698e-03
227465 at	3B				
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206993_at	3B	3.688023e-03	214047_s_at	3B	4.936896e-03
201121 s at	3B	3.716415e-03	209475 at	3B	4.999577e-03
225680 at	3B	3.738883e-03	206426 at	3B	5.034277e-03
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225899_x_at	3B	3.750221e-03	202964_s_at	3В	5.068307e-03
224852_at	3B	3.754129e-03	1556162 at	3B	5.096216e-03
218964 at	3B	3.817069e-03	2189 <b>4</b> 0 at	3B	5.117593e-03
218661 at	3B	3.817069e-03	208990 s at	3B	5.189304e-03
209232_s_at	3B	3.817069e-03	228859_at	3В	5.203525e-03
221435 x at	3B	3.821063e-03	225059 at	3B	5.222305e-03
219266 at	3B	3.842223e-03	2009 <b>4</b> 0 s at	3B	5.237284e-03
202215 s at	3B		217100 s at		
		3.852005e-03		3B	5.241005e-03
222537_s_at	3B	3.910051e-03	218157_x_at	3B	5.24322e-03
200706 s at	3в	3.931363e-03	212047 s at	3B	5.251472e-03
202794 at	3B	3.948882e-03	222523 at	3B	5.253222e-03
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202388_at	3В	3.963903e-03	201251_at	3В	5.275285e-03
212123 at	3B	3.975196e-03	225618 at	3B	5.279229e-03
211530 x at	3B	3.994374e-03	205198 s at	3B	5.344222e-03
212513_s_at	3B	3.998004e-03	211286_x_at	3B	5.355386e-03
217794_at	3В	4.009984e-03	227878 s at	3B	5.368661e-03
223167 <u>s</u> at	3в	4.037018e-03	202386 s at	3B	5.413848e-03
204449 at	3B	4.070706e-03	200665_s_at	3B	5.425232e-03
			200003_S_at		
1554472_a_at		4.077115e-03	202074_s_at	3B	5.43456e-03
1553227_s_at	3B	4.086567e-03	229967_at	3В	5.476333e-03
222984 at	3B	4.101383e-03	201230 s at	3B	5.482959e-03
213351 s at	3B	4.102469e-03	200033 at	3B	5.483437e-03
226076_s_at	3B	4.109806e-03	203055_s_at	3B	5.517332e-03
204252_at	3B	4.192623e-03	222740 at	3B	5.536358e-03
1553968 a at	3B	4.193699e-03	212665 at	3B	5.539844e-03
223259 at	3B	4.223596e-03			5.571766e-03
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220865 s at	3B	4.307794e-03	40850 at	3B	5.577103e-03
$155369\overline{3} \ s \ at$	3B	4.359823e-03	21283 <del>9</del> s at	3B	5.577103e-03
225912_at	3B	4.362112e-03	210081_at	3B	5.577103e-03
78047_s_at	3в	4.410508e-03	205062_x_at	3B	5.577103e-03
218053 at	3B	4.418804e-03	205526_s_at	3B	5.577103e-03
241385 at	3B	4.451254e-03	208834 x at	3B	5.577103e-03
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241725_at	3B	4.498751e-03	207564_x_at	3B	5.577103e-03
206655_s_at	3B	4.509099e-03	208684_at	3B	5.577103e-03
202940 at	3B	4.562204e-03	200697 at	3B	5.577103e-03
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202387_at	3в	4.574396e-03	206390_x_at	3B	5.57827e-03
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206011 at	3в	5.662641e-03	206075 s at	3B	6.879737e-03
203414 at	3B	5.667992e-03	214222 at	3B	6.893186e-03
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243589_at	3B	5.718685e-03	206493 at	3B	6.918627e-03
214881 s at	3B	5.738389e-03	227711 at	3B	6.954742e-03
202505 at	3B	5.768351e-03	225986 x at	3B	6.989923e-03
201122_x_at	3В	5.817721e-03	226691_at	3B	7.007293e-03
1558327 at	3В	5.820573e-03	205087 at	3B	7.057109e-03
225508 at	3B	5.843627e-03	218001 at	3B	7.063107e-03
205739 x at	3B	5.852081e-03	203914 x at	3B	7.063107e-03
1554770_x_at	3B	5.876135e-03	219980_at	3B	7.076185e-03
117_at	3В	5.880442e-03	209165 at	3B	7.084361e-03
201244 s at	3B	5.886919e-03	208797 s at	3B	7.148302e-03
200999 s at	3B	5.909641e-03	218761 at	3B	7.166922e-03
232913_at	3B	5.914808e-03	208825_x_at	3B	7.235398e-03
226975_at	3в	5.936011e-03	207098_s_at	3B	7.255598e-03
32099 at	3в	6.010153e-03	209394 at	3B	7.260726e-03
203513 at	3в	6.01147e-03	213076 at	3B	7.268748e-03
224667 x at	3B	6.043144e-03	218733 at	3B	7.280573e-03
220949_s_at	3B	6.046783e-03	204613_at	3В	7.284539e-03
207243_s_at	3В	6.06288e-03	201050_at	3B	7.343575e-03
204466 s at	3B	6.064738e-03	203933 at	3B	7.348963e-03
227964 at	3B	6.070395e-03	208809_s_at	3B	7.353847e-03
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	3B			3B	7.358075e-03
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232101 s at	3В	6.132804e-03	201338 x at	3B	7.399101e-03
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212982 at	3B	6.157437e-03	201908 at	3B	7.466976e-03
204258 at	3B	6.175816e-03	206158 s at		7.484992e-03
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228506 at	3B	6.268761e-03	204993 at	3B	7.694054e-03
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202556 s at	3B	6.410473e-03	208720 s at	3B	7.780463e-03
200867 at	3B				
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228135 at	3B	6.481362e-03	210556 at	3B	7.838721e-03
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                  8.490202e-03
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                                                             9.647488e-03
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                                                        3B
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                                                             9.777218e-03
              3B
213671_s_at
                  8.514749e-03
                                          218855 at
                                                        ЗВ
                                                             9.780948e-03
223880 \times at
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                  8.549503e-03
                                          1564709 at
                                                        3B
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226387 at
              3B
                  8.563881e-03
                                          217835 x at
                                                        3B
                                                             9.814147e-03
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              3B
                  8.592495e-03
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                                                        3B
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235057 at
              3B
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236953 s at
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                  8.626531e-03
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229519 at
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219495 s at
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204633 s at
                  8.764348e-03
              3B
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203146 s at
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              3B
                  8.871981e-03
                                           226739 at
                                                        3B
                                                             0.01
220757 s at
              3B
                  8.889303e-03
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                                                        3B
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225187 at
              3B
                  8.898657e-03
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                                                             0.01
215629 s at
              3B
                  8.930875e-03
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                                                        3B
                                                             0.01
226314 at
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                  8.931155e-03
                                           218637 at
                                                        3B
                                                            0.01
200774 at
              3B
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208919 s at
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219628 at
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                                                        3B
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216041 x at
              3B
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204526 s at
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202592 at
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                  9.061895e-03
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202009 at
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206272 at
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200661 at
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200752 s at
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228897 at
              3B
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                                                         3B
                                                             0.01
1558747 at
                  9.114271e-03
                                           201423 s at
              3B
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                                                             0.01
235263 at
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              3B
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                                           210389 x_at
              3B
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226119_at
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210692 s at
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212263 at
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                                                             0.01
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211771_s_at	3в	0.01	208961_s_at	3B	0.01
227162_at	3B	0.01	218618 s at	3в	0.01
214578 s at	3B	0.01	201972 at	3B	0.01
201261 x at	3.0	0.01	225616_at		
				3B	0.01
220995_at	3B	0.01	210146_x_at	3B	0.01
217943 s at	3B	0.01	202299_s_at	3B	0.01
	3 B	0.01	77508_r_at		0.01
203066_at	25		77500_1_ac	25	0.01
212383_at	38	0.01	21923 <mark>4</mark> _x_at	3B	
202120_x_at	3В	0.01	212 <b>40</b> 5_s_at	3B	0.01
225354 s at	3B	0.01	206551 x at		0.01
		0.01			
204009_ac	3B		220710_at		0.01
206038_s_at	3B	0.01	203371_s_at	3B	0.01
206038_s_at 218518_at	3B	0.01	1552480  s at	3B	0.01
225526 at	3B	0.01	224984 at		
213400 s at		0.01			
213400_S_ac	20		221214_s_at		
239891_x_at 215633_x_at	3B	0.01	205497_at	3B	0.01
215633 x at	3B	0.01	206943 at	3B	0.01
217736 s at	3 R	0.01	206943_at 221808_at	3B	
227560 at		0.01			
			1555659_a_at		
91682_at	3B	0.01	204063_s_at		0.01
221739_at 213483_at	3B	0.01	213153_at 225550_at	3B	0.01
213483 at	3 B	0.01	225550 at	3B	
209583_s_at	3.0		223330_40	25	
		0.01	221899_at	3B	
202809_s_at	3B	0.01	216253_s_at	3B	0.01
213060_s_at 204700_x_at	3B	0.01	203465 at	3B	0.01
204700 x at	3B	0.01	1553993_s_at		0.01
202301 s at	3.0	0.01			
			201643_x_at		
224978_s_at		0.01	200898_s_at		
203342_at	3B	0.01	212208 at	3B	0.01
223944 at	3B	0.01	238063 at	3 B	0.01
223944_at 64486_at	3.0	0.01	238063_at 205448_s_at	30	0.01
			205446_s_at	38	
221059_s_at		0.01	212 <b>4</b> 96_s_at	3В	0.01
225044_at	3B	0.01	203339 at	3в	0.01
201463 s at	3B	0.01	212303_x_at	3B	0.01
224690 at	3B	0.01	204588 s at	3B	
202038_at		0.01	222311_s_at		
226333_at	3B	0.01	217869_at	3B	0.01
208106 x at	3B	0.01	45526_g_at	3B	0.01
208106_x_at 220113_x_at	3 B	0.01	227587 at	3B	
220019_s_at		0.01	219698_s_at		
212277_at	3B	0.01	222396_at	3B	0.01
206546 at	3в	0.01	220553 s at	3B	0.01
213229 at	3в	0.01	226757 at	3B	0.01
203162 s at					
	3B	0.01	206643_at	3B	0.01
204291_at	3B	0.01		-3B	0.01
204669_s_at	3B	0.01	225673 at	3B	0.01
202349 at	3B	0.01	21 <b>44</b> 70 at	3B	
202071 at	3B	0.01			
_			200941_at	3B	
203651_at	3В	0.01	225919_s_at	3В	0.01
215737 x at	3B	0.01	223462 at	3В	0.01
218240 at	3B	0.01	213034 at	3B	0.01
218276 s at	3B	0.01	201089_at		
				3B	
209907_s_at	3B	0.01	204297_at	3B	
212813_at	3B	0.01	220094 s at	3в	0.01
220082_at	3B	0.01	201993 x at	3B	
203576 at	3B	0.01	225501_at		
				3B	0.01
207389_at	3B	0.01	227624_at	3B	0.01
1560874_at	3B	0.01	205027 s at	3B	0.01
222390 at	3B	0.01	222199 s at	3B	0.01
227887 at	3B	0.01	_ <del></del>		
			203669_s_at	3B	0.01
215109_at	3B	0.01	<b>223796_at</b>	3В	0.01
219613_s_at	3B	0.01	$155230\overline{2}$ at	3B	0.01
217985 s at	3B	0.01	235054 at	3B	
201190 s at	3B	0.01			0.01
201170_3_at	כוכ	0.01	209732_at	3в	0.01

202815_s_at	3B	0.01	204998_s_at	3B	0.01
	3B	0.01	212036 s at	3B	0.01
	3B	0.01	229770 at	3B	0.01
	3B	0.01	212407_at	3B	
206336_at	3B	0.01	231876 at	3B	0.01
227748_at		0.01	217801_at	3B	0.01
209056 s at	3B	0.01	216054 x at	3B	0.01
	3B	0.01	202016 at	3B	0.01
201594 s at		0.01	210858_x_at		0.01
218577 at		0.01	208517 x at		0.01
217877_s_at		0.01			0.01
205273 s at	3B	0.01	209522 s at		0.01
203003 at	3B	0.01	212282 at		0.01
214181 x at		0.01	204391 x at		0.01
64432_at			230690_at		0.01
21970 <del>6</del> at	3B	0.01	1556743 at	3B	0.01
219706_at 200974_at 208174_x_at	3B	0.01	15567 <b>43</b> _at 203063_at	3B	0.01
208174 x at	3B	0.01	2192 <b>90_</b> x_at		0.01
218819 at	3B	0.01	156937 <u>1 a</u> t		0.01
203554 <u>x</u> _at		0.01	219 <b>4</b> 71_at		0.01
201176 s at	3B	0.01	212369 at	3B	0.01
220023 at	3B	0.01	212369_at 202468_s_at	3B	0.01
209438 at		0.01	209067 s at	3B	0.01
203097 <u>s</u> at	3B	0.01	2187 <b>14</b> _at	3B	0.01
227521 at	3B	0.01	209970_x_at	3B	0.01
227521_at 210088_x_at	3B	0.01	212096 s_at	3B	0.01
230086_at	3B	0.01	222602_at	3B	0.01
204884_s_at		0.01	1555243_x_at	3B	0.01
208003_s_at	3B	0.01	218371_s_at	3B	0.01
207907 at	3B		231858_x_at	3B	
224739 <u>a</u> t	3B	0.01	1553479_at		0.01
211824_x_at		0.01	226205_at		0.01
207008_at	3B	0.01	205544_s_at		0.01
203353_s_at	3B	0.01	219639_x_at		0.01
220046_s_at		0.01	1563497_at		0.01
214594_x_at		0.01	223179_at	3B	0.01
212537_x_at	3B	0.01	242730_at	3B	0.01
	3B	0.01	213528_at 204139_x_at	3B	0.01
	3B	0.01	204139_x_at	3B	0.01
205349_at		0.01	203679_at		0.01
204892_x_at 207986 x at	3B	0.01	213185_at 218870_at	3B 3B	0.01
		0.01			0.01
208702_x_at 208759 at	3B 3B	0.01	201858_s_at 203420 at	3B 3B	0.01
200678 x at	3B	0.01	203420_at 213876 x at	3B	0.01
212204 at	3B	0.01	202573 at	3B	0.01
225658 at	3B	0.01	202575_at 202531 at	3B	0.01
1553901 x at		0.01	. 216993 s at	3B	0.01
211671 s at	3B	0.01	202127 at	3B	0.01
203225_s at	3B	0.01	226505 x at	3B	0.01
205013 s at	3B	0.01	225649 s at	3B	0.01
217499 x at	3B	0.01	214582 at	3B	0.01
211795 s at	3B	0.01	206342 x at	3B	0.01
201328 at	3B	0.01	211997 x at	3B	0.01
203445_s_at	3B	0.01	1554670 at	3B	0.01
206414 s at	3B	0.01	201384 s at	3B	0.01
226753 at	3B	0.01	202568 s at	3B	0.01
226066 at	3B	0.01	239660 at	3B	0.01
206053 at	3B	0.01	220712 at	3B	0.01
1552536_at	3B	0.01	221718 s at	3B	0.01
217547 x at	3B	0.01	226901 at	3B	0.01
202246 s at	3B	0.01	202651 at	3B	0.01
219012_s_at	3B	0.01	2078 <b>81</b> _at	3B	0.01
204861_s_at	3B	0.01	204366_s_at	3B	0.01
- <b>-</b>					

004000			0000.0		
204306_s_at		0.01	201348_at		0.01
221096_s_at	3В	0.01	221432_s_at	3B	0.01
205585_at	3B	0.01	205849 s at	3B	0.01
	3B	0.01	202553 <u>s</u> at	3B	
211138_s_at 202156_s_at	3 B	0.01	234671 at	3B	0.01
218068 s at	3B				
		0.01	227129_x_at	3B	
221600 <u>s</u> at	3B	0.01	226452_at	3B	0.01
206907_at	3B	0.01	232024 at	3в	0.01
219690 at	3B	0.01	208770 s at	3B	0.01
219690_at 204022_at	3B	0.01	212753_at	3B	
220302 at	35	0.01	234107 s at	3B	
201736_s_at		0.01	208200_at		
219906_at	3B	0.01	212004_at	3B	0.01
202626 s at	3В	0.01	225614_at	3B	0.01
205227 at	3B	0.01	212307_s_at	3B	
219183 s at		0.01	203140_at		
207993_s_at		0.01			
			213650_at	3B	
220071_x_at	38	0.01	226321_at 212365_at 228813_at	3B	
1553984_s_at		0.01	212365_at	3B	0.01
226786 at	3B	0.01	228813 at	3B	0.01
222635_s_at	3B	0.01	220283 at	3B	
220742_s_at		0.01	32259_at	3B	
			210271		
203409_at		0.01	219271_at 241742_at	3B	
	3B	0.01		3B	0.01
218572_at		0.01	222464_s_at	3B	0.01
205128_x_at	3B	0.01	223915_at	3B	0.01
214733 s at		0.01	203269 at	3B	
1552509 a at			203269_at 220453_at 201037_at	3B	
212274 at			220433_at	20	
			201037_at	3B	
229540_at			208637_x_at		
204645_at 216438_s_at	3B	0.01	204683_at	3в	0.01
216438_s_at	3B	0.01	204115_at 203932_at	3B	0.01
206722 s at	3B	0.01	203932 at	3B	0.01
	3B	0.01	225957 at	3B	
213733_at		0.01			
			209089_at	3B	
<del></del>	3B	0.01	210506_at 220416_at	3B	
213129_s_at		0.01			
244766_at		0.01	218740_s_at	3B	0.01
220521_s_at	3B	0.01	201553 s at	3B	0.01
217080 s at		0.01	1569385 <u>s</u> at		
211686_s_at	3B	0.01	211202 s at	3B	0.01
217966 s at					0.01
			208042_at		
230214_at	3B	0.01	222892_s_at		
_	3В	0.01	203110 <u>a</u> t	3B	
235327_x_at	3B	0.01	2270 <b>94</b> at	3B	0.01
217984 at	3B	0.01	208898 at	3B	0.01
242408 at	3B	0.01	202979 s at	3B	
_	3B	0.01	228034 x at	3B	
		0.01			
	3B		218153_at	3B	
	3B	0.01	203113_s_at	3B	
	3B	0.01	223570_at	3B	0.01
200646_s_at	3B	0.01	201538 s at	3B	0.01
201471_s_at	3B	0.01	206025 s at	3B	
219817 at	3B	0.01	200625_5_dt 200620_at	3B	0.01
226958 s at	3B	0.01			
			206015_s_at	3B	
215338_s_at	3B	0.01	241966_at	3B	
212625_at	3В	0.01	217967_s_at	3B	0.01
226100_at	3B	0.01	202107_s_at	3B	0.01
202247 s at	3B	0.01	206283 s at	3B	
	3B	0.01	235683 at	3B	
210742_at	3B	0.01	205541_s_at	3B	
	3B	0.01	213178_s_at	3B	0.01
1568856_at	3B	0.01	213798_s_at	3B	0.01
220753_s_at	3B	0.01	223219_s_at	3В	0.01

233842_x_at	3B	0.01	214091 s at	3B	0.02
206729 at	ЗB	0.01	203941 at		0.02
206729_at 203707_at	20	0.01			
203/0/_at	38	0.01	220760_x_at	3B	0.02
204194 at	3B	0.01	202503_s_at	3B	0.02
219242 at			202025 x at		0.02
206059_at		0.01	202453_s_at		0.02
212763 at	3B	0.01	207338_s_at	3B	0.02
212763_at 211168_s_at	3 D	0.01			
211100_S_at	36	0.01	207198_s_at		0.02
218638_s_at	3B	0.01	200839_s_at	3B	0.02
214266 s at	3B	0.01	201214 s at		0.02
218164_at	38	0.01	201344_at	3B	0.02
221951 at	3B	0.01	203837 at	3В	0.02
221951_at 207117_at	ЗB	0.01	203837_at 207659_s_at	3 B	0.02
212786 at	35	0.01	207039_3_ac	20	
			1553181_at		0.02
205232_s_at	3B	0.01	207157 s at	3B	0.02
					0.02
201924_at	25	0.01	224926_at	20	
205788_s_at	38	0.01	217147_s_at 210395_x_at	3B	0.02
217831 s at	3B	0.01	210395 x at	3B	0.02
236165 at			212877_at	3В	
203367_at	3B	0.01	204142_at	3B	0.02
204316_at 200870_at	3B	0.01	202729_s_at 211548_s_at	3B	0.02
200870-24	3.0	0.02	211549 - 2+	3 D	0.02
200870_ac	36	0.02	211J40_S_at	<u>م</u> ر	
218667_at	3B	0.02	212536_at	3B	0.02
213083_at	3B	0.02	213352_at	3B	0.02
220252	3 D	0.02	1550047 -+	25	0.02
220252_x_at 204055_s_at	36	0.02	155234/_at	38	0.02
204055_s_at	3B	0.02	1552347_at 236533_at 201044_x_at	3B	0.02
221479 s at	3B	0.02	201044 x at	3B	0.02
			200011_11_4	25	0.02
207842_s_at			226630_at		0.02
227016_at	3 <b>B</b>	0.02	206738_at	3B	0.02
201450 s at	3B	0.02	223097 at	3B	0.02
201450_s_at 202655_at	3.0	0.02	223097_at 201100_s_at	3.0	
			201100_S_at	3B	0.02
223792_at		0.02	213418_at		0.02
204577_s_at	3B	0.02	2 <b>42056</b> _at	3B	0.02
215438 x at			204960 0 2+	3B	0.02
213430_X_ac	20	0.02	204860_s_at 217990_at	25	
1558561_at			217990_at	3B	0.02
224796 at	3B	0.02	209906 at	3B	0.02
213226_at		0.02	209513 <u>s</u> at		0.02
210220_40	25		205515_5_40	25	
210010_s_at 210878_s_at	38	0.02	226923_at	3B	0.02
210878 s at	3B	0.02	202636 at	3B	0.02
225948 at	3B	0.02	209880_s_at	ЗB	0.02
			200000_5_40		
218830_at			218332_at		0.02
204957_at	3B	0.02	204524_at	3B	0.02
202813 at	3B	0.02	201198 s at	3в	0.02
224859 at		0.02	<del>-</del> -		
<del></del>	3B		218496_at	3B	0.02
238130_at	3B	0.02	1553165_at	3B	0.02
221666_s_at	3B	0.02	$213095 \times at$	3B	0.02
223307 at	3B	0.02			0.02
			206405_x_at	3B	
205711 <u>x</u> at	3B	0.02	218711_s_at	3В	0.02
221391 at	3B	0.02	223024 at	3B	0.02
211725 s at	3B	0.02	201576 s at		
				3B	0.02
218438_s_at	3B	0.02	219382_at	3в	0.02
207104 x at	3B	0.02	225257 at	3B	0.02
211590 x at	3B	0.02	228736 at	3B	
					0.02
214150_x_at	3B	0.02	221896_s_at	3В	0.02
203569_s at	3B	0.02	219359 at	3в	0.02
203278 s at	3B	0.02	209748 at	3B	0.02
204692_at	3B	0.02	203584_at	3B	0.02
221044 s at	3B	0.02	219334 s at	3B	0.02
229305 at	3B	0.02	220788 s at	3B	0.02
			<del>-</del> -		
208392_x_at	3B	0.02	213017_at	3B	0.02
38671_at	3B	0.02	204 <b>4</b> 34 at	3B	0.02
$22000\overline{1}$ at	3B	0.02	209106 at	3B	0.02
218852 at					
	3B	0.02	57703_at	3B	0.02
212680_x_at	3B	0.02	21945 <u>8</u> s_at	3B	0.02
			<b>– –</b>		

	<b>-</b>				
212791_at	3B	0.02	218533_s_at	3в	0.02
218173_s_at	3B	0.02	220609_at	3в	0.02
211064_at	3B	0.02	205677_s_at	3B	0.02
222924 at	3B	0.02	1553186_x_at	3B	0.02
202221 s at	3B	0.02	216973 s at		0.02
212267 at	3B	0.02	203203 s at	3B	0.02
1553709 a at		0.02	205263_5_dc 206564 at	3B	0.02
209578_s_at	3B	0.02	209127_s_at	3B	0.02
203519_s_at		0.02	205511_at	3B	0.02
37966_at		0.02	211192_s_at	3в	0.02
204155_s_at		0.02	20 <b>4</b> 759_at	3В	0.02
222702 x at	3B	0.02	223223 at	3B	0.02
38710 at	3B	0.02	201433_s_at	3B	0.02
202951 at		0.02	239948 at		0.02
220342_x_at	3B	0.02	207408 at	3B	0.02
207168_s_at	35	0.02	211404_s_at		
218961_s_at		0.02	205752_s_at		0.02
214574_x_at		0.02	208012_x_at	3B	0.02
234403_at		0.02	22 <b>6510_</b> at	3B	
225049_at		0.02	222803 <u>a</u> t	3B	
207018 s at		0.02	200852_x_at	3B	0.02
235173 at	3B	0.02	35776_at	3B	0.02
210449 x at	3B	0.02	20240 <mark>6</mark> _s_at	3B	
1553831_at	3B	0.02	218456 at		
218751 s at		0.02	202330 s at		
218130_at	3B	0.02	215813_s_at	3B	
239081_at	3B	0.02	1334/12_ac	3B	
203366_at	3B	0.02	219219_at		
224250_s_at		0.02	201936_s_at		
201407_s_at		0.02	216060_s_at	3в	0.02
209440_at	3B	0.02	220509_at	3B	
218265 at	3B	0.02	40420 at	3B	0.02
206584 at	3B	0.02	222058_at	3B	0.02
205090 s at		0.02	218669 at		
200968_s_at	3B	0.02	218962_s_at		0.02
200602 at	3B	0.02	207303 at		0.02
201670 s at	3B	0.02	207303_dt 203853_s at		
<b>—. —</b>					
1553252_a_at		0.02	224393_s_at		
223763_at	3B	0.02	202329_at		
201120_s_at 202678_at	3В		207730_x_at	3B	
202678_at	3B	0.02	223846_at		0.02
200989_at	3B	0.02	2435 <b>29_</b> at	3в	0.02
203213 at	3B	0.02	217931 at	3B	0.02
209922_at	3B	0.02	206740 x at	3B	0.02
209281 s at	3B	0.02	208882 s at	3B	0.02
223431 at	3B	0.02	211678 s at	3B	0.02
201733 at	3B	0.02	203689 s at	3B	0.02
218963 s at	3B	0.02	20303_3_dt 208112 x at	3B	0.02
203383_s_at	3B	0.02	223980_s_at	3B	0.02
227220_at	3B	0.02	202302_s_at	3B	
203433_at	3В	0.02	200926_at	3В	
212384_at	3B	0.02	204192_at	3в	0.02
202076_at	3В	0.02	209088_s_at	3в	0.02
203974 at	3B	0.02	208737 at	3B	0.02
235653_s_at	3B	0.02	2129 <b>47</b> at	3B	0.02
207815 at	3B	0.02	218243 at	3B	
207619_at	3B	0.02	239335 at	3B	
		0.02			
213579_s_at	3B		232940_s_at	3B	0.02
238677_at	3B	0.02	218807_at	3B	0.02
201395_at	3B	0.02	201487_at	3в	
212323_s_at	3В	0.02	221555_x_at	3B	0.02
201172_x_at	3B	0.02	208658_at	3B	0.02
201020_at	3B	0.02	203334_at	3B	0.02
213045_at	3B	0.02	22 <b>4480</b> _s_at	3B	0.02
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209893	209839_at	3B	0.02	212651 at	3B	0.02
217653 s at 3B 0.02 203395_s at 3B 0.02 207426_s_at 3B 0.02 208018_s at 3B 0.02 224977_at 3B 0.02 2224977_at 3B 0.02 218398_at 3B 0.02 218398_at 3B 0.02 218205_s_at 3B 0.02 220198_s_at 3B 0.02 2201990_s_at 3B 0.02 2201990_s_at 3B 0.02 22037428_at 3B 0.02 2203990_s_at 3B 0.02 220485_at 3B 0.02 226267_at 3B 0.02 226267	208039 at	3B		204838 s at		
217653 s at 3B 0.02 203395_s at 3B 0.02 207426_s_at 3B 0.02 208018_s at 3B 0.02 224977_at 3B 0.02 2224977_at 3B 0.02 218398_at 3B 0.02 218398_at 3B 0.02 218205_s_at 3B 0.02 220198_s_at 3B 0.02 2201990_s_at 3B 0.02 2201990_s_at 3B 0.02 22037428_at 3B 0.02 2203990_s_at 3B 0.02 220485_at 3B 0.02 226267_at 3B 0.02 226267	212100 s at	3B		212312 at		
217653 s at 3B 0.02 203395_s at 3B 0.02 207426_s_at 3B 0.02 208018_s at 3B 0.02 224977_at 3B 0.02 2224977_at 3B 0.02 218398_at 3B 0.02 218398_at 3B 0.02 218205_s_at 3B 0.02 220198_s_at 3B 0.02 2201990_s_at 3B 0.02 2201990_s_at 3B 0.02 22037428_at 3B 0.02 2203990_s_at 3B 0.02 220485_at 3B 0.02 226267_at 3B 0.02 226267				219528 s at		
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217653 s at 3B 0.02 203395_s at 3B 0.02 207426_s_at 3B 0.02 208018_s at 3B 0.02 224977_at 3B 0.02 2224977_at 3B 0.02 218398_at 3B 0.02 218398_at 3B 0.02 218205_s_at 3B 0.02 220198_s_at 3B 0.02 2201990_s_at 3B 0.02 2201990_s_at 3B 0.02 22037428_at 3B 0.02 2203990_s_at 3B 0.02 220485_at 3B 0.02 226267_at 3B 0.02 226267	224058 s at	3B		205238 at	3B	
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217653 s at 3B 0.02 203395_s at 3B 0.02 207426_s_at 3B 0.02 208018_s at 3B 0.02 224977_at 3B 0.02 2224977_at 3B 0.02 218398_at 3B 0.02 218398_at 3B 0.02 218205_s_at 3B 0.02 220198_s_at 3B 0.02 2201990_s_at 3B 0.02 2201990_s_at 3B 0.02 22037428_at 3B 0.02 2203990_s_at 3B 0.02 220485_at 3B 0.02 226267_at 3B 0.02 226267	201440 at	3в	0.02	224632 at		
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217653 s at 3B 0.02 203395_s at 3B 0.02 207426_s_at 3B 0.02 208018_s at 3B 0.02 224977_at 3B 0.02 2224977_at 3B 0.02 218398_at 3B 0.02 218398_at 3B 0.02 218205_s_at 3B 0.02 220198_s_at 3B 0.02 2201990_s_at 3B 0.02 2201990_s_at 3B 0.02 22037428_at 3B 0.02 2203990_s_at 3B 0.02 220485_at 3B 0.02 226267_at 3B 0.02 226267	203804_s_at	3B		207890 <u>s</u> at		0.02
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217653 s at 3B 0.02 203395_s at 3B 0.02 207426_s_at 3B 0.02 208018_s at 3B 0.02 224977_at 3B 0.02 2224977_at 3B 0.02 218398_at 3B 0.02 218398_at 3B 0.02 218205_s_at 3B 0.02 220198_s_at 3B 0.02 2201990_s_at 3B 0.02 2201990_s_at 3B 0.02 22037428_at 3B 0.02 2203990_s_at 3B 0.02 220485_at 3B 0.02 226267_at 3B 0.02 226267				40149_at		0.02
217653 s at 3B 0.02 203395_s at 3B 0.02 207426_s_at 3B 0.02 208018_s at 3B 0.02 224977_at 3B 0.02 2224977_at 3B 0.02 218398_at 3B 0.02 218398_at 3B 0.02 218205_s_at 3B 0.02 220198_s_at 3B 0.02 2201990_s_at 3B 0.02 2201990_s_at 3B 0.02 22037428_at 3B 0.02 2203990_s_at 3B 0.02 220485_at 3B 0.02 226267_at 3B 0.02 226267	203543_s_at	3B		204978_at		
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217653 s at 3B 0.02 203395_s at 3B 0.02 207426_s_at 3B 0.02 208018_s at 3B 0.02 224977_at 3B 0.02 2224977_at 3B 0.02 218398_at 3B 0.02 218398_at 3B 0.02 218205_s_at 3B 0.02 220198_s_at 3B 0.02 2201990_s_at 3B 0.02 2201990_s_at 3B 0.02 22037428_at 3B 0.02 2203990_s_at 3B 0.02 220485_at 3B 0.02 226267_at 3B 0.02 226267	202379_s_at	3B	0.02	218067_s_at		
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207426 s at       3B       0.02       223343 at       3B       0.02         208018 s at       3B       0.02       225833 at       3B       0.02         224977 at       3B       0.02       213936 x at       3B       0.02         220746 s at       3B       0.02       225691 at       3B       0.02         218398 at       3B       0.02       204377 s at       3B       0.02         218205 s at       3B       0.02       224640 at       3B       0.02         202198 s at       3B       0.02       237428 at       3B       0.02         220990 s at       3B       0.02       206723 s at       3B       0.02         204385 at       3B       0.02       205294 at       3B       0.02         204385 at       3B       0.02       205294 at       3B       0.02         204385 at       3B       0.02       205294 at       3B       0.02         208957 at       3B       0.02       205312 at       3B       0.02         203996 s at       3B       0.02       23607 at       3B       0.02         215285 s at       3B       0.02       23607 at       3B       0.02				1003400_at		
207426 s at       3B       0.02       223343 at       3B       0.02         208018 s at       3B       0.02       225833 at       3B       0.02         224977 at       3B       0.02       213936 x at       3B       0.02         220746 s at       3B       0.02       225691 at       3B       0.02         218398 at       3B       0.02       204377 s at       3B       0.02         218205 s at       3B       0.02       224640 at       3B       0.02         202198 s at       3B       0.02       237428 at       3B       0.02         220990 s at       3B       0.02       206723 s at       3B       0.02         204385 at       3B       0.02       205294 at       3B       0.02         204385 at       3B       0.02       205294 at       3B       0.02         204385 at       3B       0.02       205294 at       3B       0.02         208957 at       3B       0.02       205312 at       3B       0.02         203996 s at       3B       0.02       23607 at       3B       0.02         215285 s at       3B       0.02       23607 at       3B       0.02	212035_s_at	35	0.02			
208018 s_at       3B       0.02       225833 at       3B       0.02         224977 at       3B       0.02       213936 x at       3B       0.02         220746 s_at       3B       0.02       225691 at       3B       0.02         218398 at       3B       0.02       204377 s_at       3B       0.02         218205 s_at       3B       0.02       224640 at       3B       0.02         220198 s_at       3B       0.02       237428 at       3B       0.02         220990 s_at       3B       0.02       206723 s_at       3B       0.02         2204385 at       3B       0.02       205294 at       3B       0.02         2569490 at       3B       0.02       205294 at       3B       0.02         226267 at       3B       0.02       205312 at       3B       0.02         203996 s_at       3B       0.02       218088 s_at       3B       0.02         205285 s_at       3B       0.02       236007 at       3B       0.02         217873 at       3B       0.02       224465 s_at       3B       0.02         227223 at       3B       0.02       229477 at       3B <t< td=""><td>207426 s at</td><td>3B</td><td>0.02</td><td>203304_S_ac</td><td></td><td></td></t<>	207426 s at	3B	0.02	203304_S_ac		
224977_at       3B       0.02       213936_x_at       3B       0.02         220746_s_at       3B       0.02       225691_at       3B       0.02         218398_at       3B       0.02       204377_s_at       3B       0.02         218205_s_at       3B       0.02       224640_at       3B       0.02         202198_s_at       3B       0.02       237428_at       3B       0.02         220990_s_at       3B       0.02       206723_s_at       3B       0.02         204385_at       3B       0.02       205294_at       3B       0.02         21569490_at       3B       0.02       226261_at       3B       0.02         226267_at       3B       0.02       226261_at       3B       0.02         208957_at       3B       0.02       218088_s_at       3B       0.02         203996_s_at       3B       0.02       230949_at       3B       0.02         205285_s_at       3B       0.02       236007_at       3B       0.02         217873_at       3B       0.02       224465_s_at       3B       0.02         227223_at       3B       0.02       229477_at       3B				225343_at		
220746_s_at       3B       0.02       225691_at       3B       0.02         218398_at       3B       0.02       204377_s_at       3B       0.02         218205_s_at       3B       0.02       224640_at       3B       0.02         202198_s_at       3B       0.02       237428_at       3B       0.02         220990_s_at       3B       0.02       206723_s_at       3B       0.02         204385_at       3B       0.02       205294_at       3B       0.02         2569490_at       3B       0.02       226261_at       3B       0.02         226267_at       3B       0.02       205312_at       3B       0.02         208957_at       3B       0.02       218088_s_at       3B       0.02         203996_s_at       3B       0.02       236949_at       3B       0.02         205285_s_at       3B       0.02       236007_at       3B       0.02         21552303_a_at       3B       0.02       224465_s_at       3B       0.02         227223_at       3B       0.02       224465_s_at       3B       0.02         2218750_at       3B       0.02       229477_at       3B	224977 at			<del>-</del>		
218398_at       3B       0.02       204377_s_at       3B       0.02         218205_s_at       3B       0.02       224640_at       3B       0.02         202198_s_at       3B       0.02       237428_at       3B       0.02         220990_s_at       3B       0.02       206723_s_at       3B       0.02         204385_at       3B       0.02       205294_at       3B       0.02         1569490_at       3B       0.02       226261_at       3B       0.02         208957_at       3B       0.02       205312_at       3B       0.02         203996_s_at       3B       0.02       218088_s_at       3B       0.02         205285_s_at       3B       0.02       236007_at       3B       0.02         217873_at       3B       0.02       224465_s_at       3B       0.02         227223_at       3B       0.02       209762_x_at       3B       0.02         2203899_s_at       3B       0.02       212078_s_at       3B       0.02         221905_at       3B       0.02       221681_s_at       3B       0.02         221905_at       3B       0.02       221681_s_at       3B	220746 s at					
218205_s_at       3B       0.02       224640_at       3B       0.02         202198_s_at       3B       0.02       237428_at       3B       0.02         220990_s_at       3B       0.02       206723_s_at       3B       0.02         204385_at       3B       0.02       205294_at       3B       0.02         1569490_at       3B       0.02       226261_at       3B       0.02         226267_at       3B       0.02       205312_at       3B       0.02         208957_at       3B       0.02       218088_s_at       3B       0.02         203996_s_at       3B       0.02       239949_at       3B       0.02         205285_s_at       3B       0.02       236007_at       3B       0.02         217873_at       3B       0.02       224465_s_at       3B       0.02         227223_at       3B       0.02       209762_x_at       3B       0.02         2218750_at       3B       0.02       229477_at       3B       0.02         221905_at       3B       0.02       229477_at       3B       0.02         221905_at       3B       0.02       221681_s_at       3B       0.	<del></del>			<del></del>		
202198 s at       3B 0.02       237428 at       3B 0.02         220990 s at       3B 0.02       206723 s at       3B 0.02         204385 at       3B 0.02       205294 at       3B 0.02         1569490 at       3B 0.02       226261 at       3B 0.02         226267 at       3B 0.02       205312 at       3B 0.02         208957 at       3B 0.02       218088 s at       3B 0.02         203996 s at       3B 0.02       230949 at       3B 0.02         205285 s at       3B 0.02       236007 at       3B 0.02         21552303 a at       3B 0.02       224465 s at       3B 0.02         217873 at       3B 0.02       209762 x at       3B 0.02         227223 at       3B 0.02       212078 s at       3B 0.02         203899 s at       3B 0.02       229477 at       3B 0.02         218750 at       3B 0.02       229477 at       3B 0.02         221905 at       3B 0.02       221681 s at       3B 0.02         240359 at       3B 0.02       235885 at       3B 0.02         200049 s at       3B 0.02       235885 at       3B 0.02         202319 at       3B 0.02       235885 at       3B 0.02         20258 at       3B 0.02						
220990 s at       3B 0.02       206723 s at       3B 0.02         204385 at       3B 0.02       205294 at       3B 0.02         1569490 at       3B 0.02       226261 at       3B 0.02         226267 at       3B 0.02       205312 at       3B 0.02         208957 at       3B 0.02       218088 s at       3B 0.02         203996 s at       3B 0.02       230949 at       3B 0.02         205285 s at       3B 0.02       236007 at       3B 0.02         217873 at       3B 0.02       224465 s at       3B 0.02         217873 at       3B 0.02       209762 x at       3B 0.02         203899 s at       3B 0.02       212078 s at       3B 0.02         218750 at       3B 0.02       229477 at       3B 0.02         221905 at       3B 0.02       221681 s at       3B 0.02         240359 at       3B 0.02       20818 s at       3B 0.02         209049 s at       3B 0.02       235885 at       3B 0.02         202319 at       3B 0.02       212058 at       3B 0.02         202319 at       3B 0.02       203286 at       3B 0.02				_		
204385 at       3B       0.02       205294 at       3B       0.02         1569490 at       3B       0.02       226261 at       3B       0.02         226267 at       3B       0.02       205312 at       3B       0.02         208957 at       3B       0.02       218088 s at       3B       0.02         203996 s at       3B       0.02       230949 at       3B       0.02         205285 s at       3B       0.02       236007 at       3B       0.02         1552303 a at       3B       0.02       224465 s at       3B       0.02         217873 at       3B       0.02       209762 x at       3B       0.02         227223 at       3B       0.02       212078 s at       3B       0.02         203899 s at       3B       0.02       229477 at       3B       0.02         218750 at       3B       0.02       221681 s at       3B       0.02         221905 at       3B       0.02       20818 s at       3B       0.02         240359 at       3B       0.02       235885 at       3B       0.02         209049 s at       3B       0.02       235885 at       3B       0						
1569490_at 3B 0.02 226267_at 3B 0.02 208957_at 3B 0.02 203996_s_at 3B 0.02 205285_s_at 3B 0.02 218088_s_at 3B 0.02 205285_s_at 3B 0.02 21552303_a_at 3B 0.02 217873_at 3B 0.02 227223_at 3B 0.02 203899_s_at 3B 0.02 218750_at 3B 0.02 218750_at 3B 0.02 218750_at 3B 0.02 221905_at 3B 0.02 2212058_at 3B 0.02 222259_at 3B 0.02 223286_at 3B 0.02	204385 at	3B				
226267 at       3B 0.02       205312 at       3B 0.02         208957 at       3B 0.02       218088 s at       3B 0.02         203996 s at       3B 0.02       230949 at       3B 0.02         205285 s at       3B 0.02       236007 at       3B 0.02         21552303 a at       3B 0.02       224465 s at       3B 0.02         217873 at       3B 0.02       209762 x at       3B 0.02         227223 at       3B 0.02       212078 s at       3B 0.02         203899 s at       3B 0.02       229477 at       3B 0.02         218750 at       3B 0.02       221681 s at       3B 0.02         221905 at       3B 0.02       208818 s at       3B 0.02         240359 at       3B 0.02       235885 at       3B 0.02         209049 s at       3B 0.02       235885 at       3B 0.02         202319 at       3B 0.02       212058 at       3B 0.02         202319 at       3B 0.02       203286 at       3B 0.02          202319 at       3B 0.02       203286 at       3B 0.02				<del></del>		
208957_at       3B       0.02       218088_s_at       3B       0.02         203996_s_at       3B       0.02       230949_at       3B       0.02         205285_s_at       3B       0.02       236007_at       3B       0.02         1552303_a_at       3B       0.02       224465_s_at       3B       0.02         217873_at       3B       0.02       209762_x_at       3B       0.02         227223_at       3B       0.02       212078_s_at       3B       0.02         203899_s_at       3B       0.02       229477_at       3B       0.02         218750_at       3B       0.02       221681_s_at       3B       0.02         221905_at       3B       0.02       208818_s_at       3B       0.02         240359_at       3B       0.02       235885_at       3B       0.02         209049_s_at       3B       0.02       235885_at       3B       0.02         202319_at       3B       0.02       212058_at       3B       0.02         202319_at       3B       0.02       212058_at       3B       0.02         202319_at       3B       0.02       203286_at       3B       0				<del>-</del>		
203996 s at 3B 0.02       230949 at 3B 0.02         205285 s at 3B 0.02       236007 at 3B 0.02         1552303 a at 3B 0.02       224465 s at 3B 0.02         217873 at 3B 0.02       209762 x at 3B 0.02         227223 at 3B 0.02       212078 s at 3B 0.02         203899 s at 3B 0.02       229477 at 3B 0.02         218750 at 3B 0.02       221681 s at 3B 0.02         221905 at 3B 0.02       208818 s at 3B 0.02         240359 at 3B 0.02       1569594 a at 3B 0.02         201057 s at 3B 0.02       235885 at 3B 0.02         209049 s at 3B 0.02       212058 at 3B 0.02         202319 at 3B 0.02       212058 at 3B 0.02         202319 at 3B 0.02       203286 at 3B 0.02	208957 at	3B	0.02			
205285_s_at       3B       0.02       236007_at       3B       0.02         1552303_a_at       3B       0.02       224465_s_at       3B       0.02         217873_at       3B       0.02       209762_x_at       3B       0.02         227223_at       3B       0.02       212078_s_at       3B       0.02         203899_s_at       3B       0.02       229477_at       3B       0.02         218750_at       3B       0.02       221681_s_at       3B       0.02         221905_at       3B       0.02       208818_s_at       3B       0.02         240359_at       3B       0.02       235885_at       3B       0.02         209049_s_at       3B       0.02       212058_at       3B       0.02         202319_at       3B       0.02       212058_at       3B       0.02         20259_at       3B       0.02       203286_at       3B       0.02		3B	0.02			
1552303_a_at 3B 0.02 224465_s_at 3B 0.02 217873_at 3B 0.02 209762_x_at 3B 0.02 227223_at 3B 0.02 212078_s_at 3B 0.02 203899_s_at 3B 0.02 229477_at 3B 0.02 218750_at 3B 0.02 221681_s_at 3B 0.02 221905_at 3B 0.02 208818_s_at 3B 0.02 240359_at 3B 0.02 259478_at 3B 0.02 201057_s_at 3B 0.02 259848_at 3B 0.02 209049_s_at 3B 0.02 235885_at 3B 0.02 209049_s_at 3B 0.02 202319_at 3B 0.02 203286_at 3B 0.02 226259_at 3B 0.02 203286_at 3B 0.02	205285 s at	3B	0.02			
217873_at       3B 0.02       209762_x_at       3B 0.02         227223_at       3B 0.02       212078_s_at       3B 0.02         203899_s_at       3B 0.02       229477_at       3B 0.02         218750_at       3B 0.02       221681_s_at       3B 0.02         221905_at       3B 0.02       208818_s_at       3B 0.02         240359_at       3B 0.02       1569594_a_at       3B 0.02         201057_s_at       3B 0.02       235885_at       3B 0.02         209049_s_at       3B 0.02       60471_at       3B 0.02         202319_at       3B 0.02       212058_at       3B 0.02         226259_at       3B 0.02       203286_at       3B 0.02	1552303 a at	3B	0.02			
227223 at       3B 0.02       212078 s at       3B 0.02         203899 s at       3B 0.02       229477 at       3B 0.02         218750 at       3B 0.02       221681 s at       3B 0.02         221905 at       3B 0.02       208818 s at       3B 0.02         240359 at       3B 0.02       1569594 a at       3B 0.02         201057 s at       3B 0.02       235885 at       3B 0.02         209049 s at       3B 0.02       60471 at       3B 0.02         202319 at       3B 0.02       212058 at       3B 0.02         226259 at       3B 0.02       203286 at       3B 0.02	217873 at	3B		209762 x at		
203899 s_at       3B 0.02       229477 at       3B 0.02         218750 at       3B 0.02       221681 s_at       3B 0.02         221905 at       3B 0.02       208818 s_at       3B 0.02         240359 at       3B 0.02       1569594 a_at       3B 0.02         201057 s_at       3B 0.02       235885 at       3B 0.02         209049 s_at       3B 0.02       60471 at       3B 0.02         202319 at       3B 0.02       212058 at       3B 0.02         226259 at       3B 0.02       203286 at       3B 0.02	227223_at	3B	0.02	212078 s at	3B	0.02
221905_at       3B       0.02       208818_s_at       3B       0.02         240359_at       3B       0.02       1569594_a_at       3B       0.02         201057_s_at       3B       0.02       235885_at       3B       0.02         209049_s_at       3B       0.02       60471_at       3B       0.02         202319_at       3B       0.02       212058_at       3B       0.02         226259_at       3B       0.02       203286_at       3B       0.02		3B		229477_at	3B	
240359_at       3B       0.02       1569594_a_at       3B       0.02         201057_s_at       3B       0.02       235885_at       3B       0.02         209049_s_at       3B       0.02       60471_at       3B       0.02         202319_at       3B       0.02       212058_at       3B       0.02         226259_at       3B       0.02       203286_at       3B       0.02	218750 <u>at</u>	3B	0.02		3B	0.02
240359_at       3B       0.02       1569594_a_at       3B       0.02         201057_s_at       3B       0.02       235885_at       3B       0.02         209049_s_at       3B       0.02       60471_at       3B       0.02         202319_at       3B       0.02       212058_at       3B       0.02         226259_at       3B       0.02       203286_at       3B       0.02		3B	0.02	208818_s_at	3B	0.02
209049_s_at       3B       0.02       60471_at       3B       0.02         202319_at       3B       0.02       212058_at       3B       0.02         226259_at       3B       0.02       203286_at       3B       0.02		3B		1569594_a_at	3B	0.02
202319 at 3B 0.02 212058 at 3B 0.02 226259 at 3B 0.02 203286 at 3B 0.02						0.02
226259_at 3B 0.02 203286_at 3B 0.02						
233080_s_at 3B 0.02 223330_s_at 3B 0.02						
	233080_s_at	3B	0.02	223330_s_at	3B	0.02

210220_at	210220_at	3B	0.02	218373_at	3B	0.03
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td>0.02</td><td>208374_s_at</td><td>3B</td><td>0.03</td></t<>			0.02	208374_s_at	3B	0.03
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>205690_s_at</td><td>3B</td><td>0.02</td><td>209333_at</td><td>3B</td><td>0.03</td></t<>	205690_s_at	3B	0.02	209333_at	3B	0.03
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>215773_x_at</td><td></td><td>0.02</td><td>207365_x_at</td><td>3B</td><td>0.03</td></t<>	215773_x_at		0.02	207365_x_at	3B	0.03
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>201651_s_at</td><td>3B</td><td>0.02</td><td>201295_s_at</td><td>3B</td><td>0.03</td></t<>	201651_s_at	3B	0.02	201295_s_at	3B	0.03
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>208753_s_at</td><td>3B</td><td></td><td>218926_at</td><td>3B</td><td>0.03</td></t<>	208753_s_at	3B		218926_at	3B	0.03
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td></td><td>200928_s_at</td><td>3B</td><td>0.03</td></t<>				200928_s_at	3B	0.03
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td>0.02</td><td>220729_at</td><td>3B</td><td>0.03</td></t<>			0.02	220729_at	3B	0.03
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>226443_at</td><td>3B</td><td>0.02</td><td>214864_s_at</td><td>3B</td><td></td></t<>	226443_at	3B	0.02	214864_s_at	3B	
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>232048_at</td><td>3B</td><td></td><td>229231_at</td><td></td><td>0.03</td></t<>	232048_at	3B		229231_at		0.03
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>212116_at</td><td>3B</td><td></td><td>205370_x_at</td><td>3B</td><td>0.03</td></t<>	212116_at	3B		205370_x_at	3B	0.03
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td>0.02</td><td>209342_s_at</td><td>3B</td><td>0.03</td></t<>			0.02	209342_s_at	3B	0.03
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td></td><td>223560_s_at</td><td></td><td></td></t<>				223560_s_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>203080_s_at</td><td>3B</td><td></td><td>201851_at</td><td></td><td></td></t<>	203080_s_at	3B		201851_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>202601_s<b>_</b>at</td><td>3B</td><td></td><td>204994_at</td><td>3B</td><td></td></t<>	202601_s <b>_</b> at	3B		204994_at	3B	
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>201454_s_at</td><td>3B</td><td>0.03</td><td>200912_s_at</td><td></td><td></td></t<>	201454_s_at	3B	0.03	200912_s_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td></td><td>204185_x_at</td><td></td><td></td></t<>				204185_x_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td></td><td>228281_at</td><td></td><td></td></t<>				228281_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>238053_at</td><td>3B</td><td></td><td>209194_at</td><td>3B</td><td></td></t<>	238053_at	3B		209194_at	3B	
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>220528_at</td><td>3B</td><td></td><td>227485_at</td><td>3B</td><td></td></t<>	220528_at	3B		227485_at	3B	
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td></td><td>214084_x_at</td><td>3B</td><td></td></t<>				214084_x_at	3B	
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td></td><td>209222_s_at</td><td></td><td></td></t<>				209222_s_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>200704_at</td><td>3<b>B</b></td><td></td><td>214198_s_at</td><td></td><td></td></t<>	200704_at	3 <b>B</b>		214198_s_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>209933_s_at</td><td>3B</td><td></td><td>210202_s_at</td><td></td><td></td></t<>	209933_s_at	3B		210202_s_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td></td><td>224971_at</td><td></td><td></td></t<>				224971_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td></td><td>1552343_s_at</td><td></td><td></td></t<>				1552343_s_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td></td><td>219889_at</td><td></td><td></td></t<>				219889_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>219577_s_at</td><td>3B</td><td></td><td>210093_s_at</td><td></td><td></td></t<>	219577_s_at	3B		210093_s_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>219178_at</td><td>3B</td><td></td><td>203145_at</td><td></td><td></td></t<>	219178_at	3B		203145_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td></td><td>221597_s_at</td><td></td><td></td></t<>				221597_s_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td></td><td>211581_x_at</td><td></td><td></td></t<>				211581_x_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>213019_at</td><td>3B</td><td></td><td>209236_at</td><td></td><td></td></t<>	213019_at	3B		209236_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td></td><td>201246_s_at</td><td></td><td></td></t<>				201246_s_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td></td><td>219025_at</td><td></td><td></td></t<>				219025_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td></td><td>2162/4_S_at</td><td></td><td></td></t<>				2162/4_S_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td></td><td>202323_s_at</td><td></td><td></td></t<>				202323_s_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>2041/4_ac</td><td>30</td><td></td><td>210000 5 at</td><td></td><td></td></t<>	2041/4_ac	30		210000 5 at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td></td><td>210988_S_at</td><td></td><td></td></t<>				210988_S_at		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td></td><td></td><td></td><td>201760 3+</td><td></td><td></td></t<>				201760 3+		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>205627 at</td><td>3 E</td><td></td><td>203000_at ,</td><td></td><td></td></t<>	205627 at	3 E		203000_at ,		
209068_at       3B 0.03       223217 s_at       3B 0.03         201254_x_at       3B 0.03       228170_at       3B 0.03         222745_s_at       3B 0.03       209450_at       3B 0.03         266_s_at       3B 0.03       201378_s_at       3B 0.03         204610_s_at       3B 0.03       202321_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       207386_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       202447_at       3B 0.03         207916_x_at       3B 0.03       235121_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         207916_x_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         20495_s_at <t< td=""><td>209027_at</td><td>3 B</td><td></td><td>217949 e at</td><td></td><td></td></t<>	209027_at	3 B		217949 e at		
201254 x at       3B 0.03       228170 at       3B 0.03         222745 s at       3B 0.03       209450 at       3B 0.03         266 s at       3B 0.03       201378 s at       3B 0.03         214551 s at       3B 0.03       202321 at       3B 0.03         204610 s at       3B 0.03       202321 at       3B 0.03         202331 at       3B 0.03       212203 x at       3B 0.03         222934 s at       3B 0.03       225788 at       3B 0.03         202180 s at       3B 0.03       225398 at       3B 0.03         202180 s at       3B 0.03       214681 at       3B 0.03         208147 s at       3B 0.03       200838 at       3B 0.03         205786 at       3B 0.03       207386 at       3B 0.03         201284 s at       3B 0.03       202447 at       3B 0.03         201284 s at       3B 0.03       20447 at       3B 0.03         207916 x at       3B 0.03       235121 at       3B 0.03         207916 x at       3B 0.03       208601 s at       3B 0.03         20796 s at       3B 0.03       208601 s at       3B 0.03         20796 s at       3B 0.03       203306 s at       3B 0.03         20859 x at				217343_3_dt 223217 c at		
222745 s at       3B 0.03       209450 at       3B 0.03         266 s at       3B 0.03       201378 s at       3B 0.03         214551 s at       3B 0.03       202321 at       3B 0.03         204610 s at       3B 0.03       1553155 x at       3B 0.03         202331 at       3B 0.03       212203 x at       3B 0.03         222934 s at       3B 0.03       225788 at       3B 0.03         25788 at       3B 0.03       225398 at       3B 0.03         202180 s at       3B 0.03       214681 at       3B 0.03         208147 s at       3B 0.03       20838 at       3B 0.03         206074 s at       3B 0.03       207386 at       3B 0.03         215111 s at       3B 0.03       202447 at       3B 0.03         201284 s at       3B 0.03       20447 at       3B 0.03         206494 s at       3B 0.03       235121 at       3B 0.03         20736 s at       3B 0.03       224800 at       3B 0.03         20736 s at       3B 0.03       208601 s at       3B 0.03         204497 at       3B 0.03       20306 s at       3B 0.03         204497 at       3B 0.03       20306 s at       3B 0.03         20859 x at       3B 0.	_					
266_s_at       3B 0.03       201378_s_at       3B 0.03         214551_s_at       3B 0.03       202321_at       3B 0.03         204610_s_at       3B 0.03       1553155_x_at       3B 0.03         202331_at       3B 0.03       212203_x_at       3B 0.03         222934_s_at       3B 0.03       225788_at       3B 0.03         202180_s_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         215111_s_at       3B 0.03       202447_at       3B 0.03         210006_at       3B 0.03       235121_at       3B 0.03         227916_x_at       3B 0.03       224800_at       3B 0.03         20736_s_at       3B 0.03       208601_s_at       3B 0.03         20736_s_at       3B 0.03       20306_s_at       3B 0.03         20742_s_at       3B 0.03       200742_s_at       3B 0.03         20859_x_at       3B 0.03       206807_s_at       3B 0.03         20859_x_at       3B 0.03       206807_s_at       3B 0.03						
214551_s_at       3B       0.03       202321_at       3B       0.03         204610_s_at       3B       0.03       1553155_x_at       3B       0.03         202331_at       3B       0.03       212203_x_at       3B       0.03         222934_s_at       3B       0.03       225788_at       3B       0.03         55662_at       3B       0.03       225398_at       3B       0.03         202180_s_at       3B       0.03       214681_at       3B       0.03         208147_s_at       3B       0.03       200838_at       3B       0.03         206074_s_at       3B       0.03       207386_at       3B       0.03         215111_s_at       3B       0.03       202447_at       3B       0.03         201284_s_at       3B       0.03       235121_at       3B       0.03         210006_at       3B       0.03       235121_at       3B       0.03         227916_x_at       3B       0.03       20044_at       3B       0.03         20736_s_at       3B       0.03       208601_s_at       3B       0.03         201965_s_at       3B       0.03       206807_s_at       3B						
204610_s_at       3B       0.03       1553155_x_at       3B       0.03         202331_at       3B       0.03       212203_x_at       3B       0.03         222934_s_at       3B       0.03       225788_at       3B       0.03         55662_at       3B       0.03       225398_at       3B       0.03         202180_s_at       3B       0.03       214681_at       3B       0.03         208147_s_at       3B       0.03       207386_at       3B       0.03         2057386_at       3B       0.03       202447_at       3B       0.03         205746_s_at       3B       0.03       202447_at       3B       0.03         205796_s_at       3B       0.03       235121_at       3B       0.03         206494_s_at       3B       0.03       20044_at       3B       0.03         207736_s_at       3B       0.03       208601_s_at       3B       0.03         204497_at       3B       0.03       20306_s_at       3B       0.03         201965_s_at       3B       0.03       200742_s_at       3B       0.03         202859_x_at       3B       0.03       206807_s_at       3B						
202331_at       3B       0.03       212203_x_at       3B       0.03         222934_s_at       3B       0.03       225788_at       3B       0.03         55662_at       3B       0.03       225398_at       3B       0.03         202180_s_at       3B       0.03       214681_at       3B       0.03         208147_s_at       3B       0.03       200838_at       3B       0.03         206074_s_at       3B       0.03       207386_at       3B       0.03         215111_s_at       3B       0.03       202447_at       3B       0.03         201284_s_at       3B       0.03       235121_at       3B       0.03         210006_at       3B       0.03       235121_at       3B       0.03         227916_x_at       3B       0.03       224800_at       3B       0.03         200736_s_at       3B       0.03       208601_s_at       3B       0.03         201965_s_at       3B       0.03       200742_s_at       3B       0.03         202859_x_at       3B       0.03       206807_s_at       3B       0.03						
222934 s at       3B 0.03       225788 at       3B 0.03         55662 at       3B 0.03       225398 at       3B 0.03         202180 s at       3B 0.03       214681 at       3B 0.03         208147 s at       3B 0.03       200838 at       3B 0.03         206074 s at       3B 0.03       207386 at       3B 0.03         215111 s at       3B 0.03       202447 at       3B 0.03         201284 s at       3B 0.03       235121 at       3B 0.03         210006 at       3B 0.03       235121 at       3B 0.03         227916 x at       3B 0.03       224800 at       3B 0.03         200736 s at       3B 0.03       208601 s at       3B 0.03         204497 at       3B 0.03       20306 s at       3B 0.03         201965 s at       3B 0.03       200742 s at       3B 0.03         202859 x at       3B 0.03       206807 s at       3B 0.03				<del>-</del> -		
55662_at       3B 0.03       225398_at       3B 0.03         202180_s_at       3B 0.03       214681_at       3B 0.03         208147_s_at       3B 0.03       200838_at       3B 0.03         206074_s_at       3B 0.03       207386_at       3B 0.03         215111_s_at       3B 0.03       202447_at       3B 0.03         201284_s_at       3B 0.03       1557067_s_at       3B 0.03         210006_at       3B 0.03       235121_at       3B 0.03         227916_x_at       3B 0.03       200044_at       3B 0.03         20736_s_at       3B 0.03       208601_s_at       3B 0.03         204497_at       3B 0.03       20306_s_at       3B 0.03         201965_s_at       3B 0.03       200742_s_at       3B 0.03         202859_x_at       3B 0.03       206807_s_at       3B 0.03						
202180 s at 3B 0.03       214681 at 3B 0.03         208147 s at 3B 0.03       200838 at 3B 0.03         206074 s at 3B 0.03       207386 at 3B 0.03         215111 s at 3B 0.03       202447 at 3B 0.03         201284 s at 3B 0.03       1557067 s at 3B 0.03         210006 at 3B 0.03       235121 at 3B 0.03         206494 s at 3B 0.03       200044 at 3B 0.03         227916 x at 3B 0.03       224800 at 3B 0.03         200736 s at 3B 0.03       208601 s at 3B 0.03         204497 at 3B 0.03       203306 s at 3B 0.03         201965 s at 3B 0.03       200742 s at 3B 0.03         202859 x at 3B 0.03       206807 s at 3B 0.03						
208147_s_at       3B       0.03       200838_at       3B       0.03         206074_s_at       3B       0.03       207386_at       3B       0.03         215111_s_at       3B       0.03       202447_at       3B       0.03         201284_s_at       3B       0.03       1557067_s_at       3B       0.03         210006_at       3B       0.03       235121_at       3B       0.03         206494_s_at       3B       0.03       200044_at       3B       0.03         227916_x_at       3B       0.03       224800_at       3B       0.03         200736_s_at       3B       0.03       208601_s_at       3B       0.03         201965_s_at       3B       0.03       200742_s_at       3B       0.03         202859_x_at       3B       0.03       206807_s_at       3B       0.03						
206074 s at       3B       0.03       207386 at       3B       0.03         215111 s at       3B       0.03       202447 at       3B       0.03         201284 s at       3B       0.03       1557067 s at       3B       0.03         210006 at       3B       0.03       235121 at       3B       0.03         206494 s at       3B       0.03       200044 at       3B       0.03         227916 x at       3B       0.03       224800 at       3B       0.03         200736 s at       3B       0.03       208601 s at       3B       0.03         204497 at       3B       0.03       203306 s at       3B       0.03         201965 s at       3B       0.03       200742 s at       3B       0.03         202859 x at       3B       0.03       206807 s at       3B       0.03				<del>-</del>		
215111_s_at       3B       0.03       202447_at       3B       0.03         201284_s_at       3B       0.03       1557067_s_at       3B       0.03         210006_at       3B       0.03       235121_at       3B       0.03         206494_s_at       3B       0.03       200044_at       3B       0.03         227916_x_at       3B       0.03       224800_at       3B       0.03         200736_s_at       3B       0.03       208601_s_at       3B       0.03         201965_s_at       3B       0.03       200742_s_at       3B       0.03         202859_x_at       3B       0.03       206807_s_at       3B       0.03						
201284_s_at       3B       0.03       1557067_s_at       3B       0.03         210006_at       3B       0.03       235121_at       3B       0.03         206494_s_at       3B       0.03       200044_at       3B       0.03         227916_x_at       3B       0.03       224800_at       3B       0.03         200736_s_at       3B       0.03       208601_s_at       3B       0.03         204497_at       3B       0.03       203306_s_at       3B       0.03         201965_s_at       3B       0.03       200742_s_at       3B       0.03         202859_x_at       3B       0.03       206807_s_at       3B       0.03				——————————————————————————————————————		
210006_at       3B       0.03       235121_at       3B       0.03         206494_s_at       3B       0.03       200044_at       3B       0.03         227916_x_at       3B       0.03       224800_at       3B       0.03         200736_s_at       3B       0.03       208601_s_at       3B       0.03         204497_at       3B       0.03       203306_s_at       3B       0.03         201965_s_at       3B       0.03       200742_s_at       3B       0.03         202859_x_at       3B       0.03       206807_s_at       3B       0.03				<del></del>		
206494 s at 3B 0.03       200044 at 3B 0.03         227916 x at 3B 0.03       224800 at 3B 0.03         200736 s at 3B 0.03       208601 s at 3B 0.03         204497 at 3B 0.03       203306 s at 3B 0.03         201965 s at 3B 0.03       200742 s at 3B 0.03         202859 x at 3B 0.03       206807 s at 3B 0.03						
227916_x_at       3B       0.03       224800_at       3B       0.03         200736_s_at       3B       0.03       208601_s_at       3B       0.03         204497_at       3B       0.03       203306_s_at       3B       0.03         201965_s_at       3B       0.03       200742_s_at       3B       0.03         202859_x_at       3B       0.03       206807_s_at       3B       0.03				<del>-</del>		
200736_s_at       3B       0.03       208601_s_at       3B       0.03         204497_at       3B       0.03       203306_s_at       3B       0.03         201965_s_at       3B       0.03       200742_s_at       3B       0.03         202859_x_at       3B       0.03       206807_s_at       3B       0.03						
204497_at       3B       0.03       203306_s_at       3B       0.03         201965_s_at       3B       0.03       200742_s_at       3B       0.03         202859_x_at       3B       0.03       206807_s_at       3B       0.03						
201965_s_at 3B 0.03 200742_s_at 3B 0.03 202859_x_at 3B 0.03 206807_s_at 3B 0.03						
202859_x_at 3B 0.03 206807_s_at 3B 0.03						
		3B				
	219089_s_at	3B	0.03		3B	0.03

222607 0 0+	3.0	0 03	201456	270	0 03
222687_s_at	3B	0.03	201456_s_at	3B	0.03
215127_s_at	3B	0.03	221581_s_at	3B	0.03
206138 s at	3B	0.03	1553574 at	3B	0.03
224240 s at	3B	0.03	229903_x_at	3B	0.03
	3B	0.03	226108 at	35	0.03
		0.03	220100_ac		
226448_at		0.03	228 <b>614_</b> at	3B	0.03
204184_s_at 214163_at	3B	0.03	217730_at	3B	0.03
214163 at	3B	0.03	213018 at	3B	0.03
207686_s_at	3B	0.03	217730_at 213018_at 219957_at	ЗB	0.03
235222 x at		0.03	203518 at	30	
		0.03	203518_at		0.03
218450_at	38	0.03	200779_at	3B	0.03
216305_s_at		0.03	205844_at	3B	0.03
1556059_s_at	3B	0.03	205844_at 202943 s at	3B	0.03
222605 at		0.03	201234 at	3 B	0.03
		0.03	1555241 0+		
208967_s_at		0.03	1555241_at		
218703_at	38	0.03	204249_s_at		
201191_at 233933_s_at	3В	0.03	222127 s at	3B	0.03
233933 s at	3B	0.03	58994 <u>a</u> t	3B	0.03
214305 s at		0.03	$21794\overline{6}$ s at	3 B	0.03
		0.03	1552930_at		0.03
220189_s_at		0.03	1552930_ac		
207266_x_at	38	0.03	208708_x_at	38	0.03
217837_s_at	3В	0.03	208708_x_at 32062_at	3B	0.03
213243 at	3B	0.03	22541 <del>1</del> _at	3B	0.03
220371 <u>s</u> at	3B	0.03	205237 at	3 B	
212469 25	30	0.03	200207_40		
212469_at 211084_x_at	35	0.03	221230_s_at	38	0.03
211084_x_at	38	0.03	225206_s_at		
212518_at	3В	0.03	217952 x at	3B	0.03
222377_at	3B	0.03	201288_at	3B	0.03
		0.03	223548 <u>a</u> t		
202793_at 217635_s_at	35	0.03	223370_00	3.0	0.03
21/635_S_at	25	0.03	231794_at 204777_s_at	35	0.03
221139_s_at		0.03	2047/7_s_at	38	
242139_s_at	3В	0.03	236254_at	3в	0.03
221848_at	3B	0.03	218 <b>414</b> _s_at	3B	0.03
203542 s at	3B	0.03	202832 at	3B	0.03
214519 s at	3.13	0.03	202832_at 204244_s_at	3B	0.03
		0.03	204244_5_at		
238010_at		0.03	225538_at		0.03
227021_at	3B	0.03	223352_s_at		0.03
223300 s at	3B	0.03	227811 at	3B	0.03
223300_s_at 221522_at	3В	0.03	201456_s_at 221581_s_at 1553574_at 129903_x_at 226108_at 228614_at 217730_at 213018_at 219957_at 203518_at 200779_at 205844_at 202943_s_at 201234_at 1555241_at 204249_s_at 22127_s_at 58994_at 217946_s_at 1552930_at 208708_x_at 32062_at 225414_at 205237_at 225206_s_at 225206_s_at 217952_x_at 221230_s_at 225206_s_at 217952_x_at 221230_s_at 225206_s_at 217952_x_at 221230_s_at 225206_s_at 217952_x_at 221230_s_at 225206_s_at 227811_at 225420_at 227811_at 225420_at 227758_at 49485_at 202540_s_at	3B	0.03
226629 at	3B	0.03	207758_at	3B	0.03
		0.03	207736_at	25	
203857_s_at		0.03	49485_at		0.03
202748_at	3В		202540_s_at	3B	0.03
218718 at	3В	0.03	200016 x at	3B	0.03
222597 at	3B	0.03	220399 at	3B	0.03
218211 s at	3B	0.03	200656 s at	3B	0.03
218364_at	3B	0.03			
			205427_at	3B	0.03
243426_at	3B	0.03	203288_at	3В	0.03
212543_at	3B	0.03	202975 s at	3B	0.03
225180 at	3B	0.03	210129 s at	3B	0.03
212359_s_at	3B	0.03	212270 x at	3B	0.03
1555837 s at		0.03			
			220476_s_at	3B	0.03
208864_s_at	3B	0.03	207845_s_at	3B	0.03
202878 s at	3В	0.03	201323 at	3B	0.03
219056 at	3B	0.03	$157057\overline{1}$ at	-3B	0.03
202054 s at	3B	0.03	203741 s at	3B	0.03
		0.03	<b>— — —</b>		
219358_s_at	3B		218937_at	3B	0.03
203043_at	3B	0.03	209253_at	3B	0.03
219070 s at	3B	0.03	205382 s at	3B	0.03
214525_x_at	3B	0.03	243981 at	3B	0.03
207040_s_at	3B	0.03	201052_s_at	3B	0.03
207332_s_at	3B	0.03	204270_at	3B	0.03
218238_at	3B	0.03	225502_at	3B	0.03
201582_at	3в	0.03	210681_s_at	3B	0.03
207643_s_at	3B	0.03	220918 at	3в	0.03
· <b>-</b> · - ·	_	<del></del>			

206222 2+	3 D	0 03	202910 s at	3.0	0 03
206222_at	3B	0.03			0.03
218520_at	3B	0.03	206518 <u>_</u> s_at	3В	0.03
203397_s_at 215134_at	3B	0.03	32032_at	3B	0.03
215134 at	3B	0.03	200876 s at	3B	0.03
224789 at			207071_s_at		0.03
204224_s_at		0.03	218732_at		0.03
201221_3_4	30				
209890_at	38	0.03	203305_at	3B	0.03
212815_at	3B	0.03	219378_at	3B	0.03
209890_at 212815_at 219078_at	3B	0.03	219378_at 210621_s_at	3B	0.03
202391 at	3B	0.03	210912 x at	3B	0.03
219347 <u></u> at			20 <b>4479</b> _at		0.03
210386 c at	3 13	0.03	218826 at	35	0.03
210386_s_at 220776 at	20	0.03	210020_at	25	
220116_at	38	0.03	218826_at 201861_s_at 211014_s_at	3B	0.03
215667 <u>x</u> at			21101 <b>4_</b> s_at	3B	0.03
226472_at	3B	0.03	203219_s_at	3B	0.03
1555411 a at	3B	0.03	222667_s_at	3B	0.03
			202425 x at	3B	0.03
217882_at 212572_at	3B	0.03	204689_at	3B	
38269 at	3.0	0.03	216894_x_at	3B	
202263_at	3B	0.03	226820_at	3B	0.03
49679_s_at 212971_at	3B	0.03	208992_s_at 208611_s_at	3В	0.03
212971_at	3B	0.03	208611_s_at	3В	
225346 at	3B	0.03	205474_at	3B	0.03
210969_at			229742_at	3B	
207350_s_at			220964_s_at		0.03
207330_5_ac	35	0.03	2420304_5_40	3B	
202224_at 206036_s_at	25	0.03	242938_s_at 226868_at	25	
206036_s_at	38	0.03	226868_at	3B	
204435_at			227523_s_at		
219503_s_at	3В	0.03	218532_s_at	3В	0.03
219146_at 205584_at	3в	0.03	208578_at 200905_x_at	3В	0.03
205584 at	3B	0.03	200905 x at	3B	0.03
202840 at	3B	0.03	221778 at	3B	
215983_s_at		0.03	<del></del>		
213903_S_ac	20		217872_at		
224367_at 230489_at	25	0.03	232209_x_at	3B	0.03
			207206_s_at	3B	
1553750_a_at		0.03	203436_at		
200871_s_at	3B	0.03	214800_x_at	3B	0.03
224900_at	3B	0.03	220241_at	3B	0.03
208926 at	3B	0.03	210625_s_at 219520_s_at	3в	0.03
208926_at 201913_s_at	3B	0.03	219520 s at	3B	0.03
201152 s at			201659 s at		0.03
221867_at	3B	0.03	202727_s_at	3B	0.03
		0.03			
208149_x_at	3B		217945_at	3B	0.03
204542_at	3B	0.03	223011_s_at	3B	0.03
218181 <u>s</u> at	3В	0.03	20 <b>2</b> 292_x_at	3в	0.03
225592_at	3B	0.03	232725_s_at	3B	0.03
225005 at	3B	0.03	2307 <b>69</b> at	3B	0.03
206049 at	3B	0.03	228648 at	3B	0.03
206026 s at	3B	0.03	213046 at	3B	0.03
	3B	0.03	213063 at	3B	0.04
214775_at	3B	0.03	1552587_at	3B	0.04
208438_s_at	3B	0.03	211684_s_at	3В	0.04
206061_s_at	3B	0.03	20 <b>7926_a</b> t	3B	0.04
219750_at	3B	0.03	212266 s_at	3B	0.04
218011 at	3B	0.03	218603 at	3в	0.04
1553589 a at		0.03	208984 x at	3B	0.04
220855 at	3B	0.03	200001 at	3B	0.04
224652 at		0.03	211969 at	3B	
	3B				0.04
210872_x_at	3B	0.03	212515_s_at	3B	0.04
202799_at	3B	0.03	215735_s_at	3в	0.04
48580_at	3B	0.03	220239_at	3в	0.04
$21907\overline{1} \times at$	3B	0.03	1553718 at	3B	0.04
	3B	0.03	225289 at	3в	0.04
208796 s at	3B	0.03	217827 s at	3B	0.04
			32.322_40		

202866 at	3B	0.04	1552287 s at	3B	0.04
48030 i at	3B	0.04	218649 x at	3B	0.04
218251 at	3B	0.04			
218930 s at		0.04	218983_at	3B	0.04
			223465_at	3B	0.04
	3B	0.04	209467_s_at		0.04
218370_s_at	3B	0.04	218559_s_at		0.04
202165_at 228363_at	3B	0.04	212391_x_at	3B	0.04
228363_at	3B	0.04			0.04
218867 <u>s</u> at		0.04	214336_s_at	3B	0.04
204622_x_at		0.04	213704_at	3B	0.04
212410_at	3B	0.04	212869_x_at		0.04
227869_at	3B	0.04	213330_s_at		0.04
	3B	0.04	216971_s_at	3B	0.04
223697_x_at	3B	0.04	217879 at	3в	0.04
219540_at	3B	0.04	203 <b>435</b> s at	3B	0.04
209032 s at	3B	0.04	203775_at	3B	0.04
209032_s_at 218770_s_at	3B	0.04	221500 s at	3B	0.04
226696 at	3B	0.04	212059_s_at	3B	0.04
218829_s_at	3B	0.04	211998 at	3B	
202223_at	3B 3B 3B	0.04	202209_at		
214146 s at	3B	0.04	202543 s at	3B	
202399 s at	3B	0.04	202543_s_at 207238_s_at	3B	0.04
204186 s at	3B	0.04	206688 s at		
203817_at		0.04	205842 s at		
225859 at	3B	0.04	207127 s at	3B	
225859_at 206254_at	3B	0.04	208695 s at		
201043 s at	3B	0.04	208304 at		
209305_s_at		0.04	208693 s at		
45749_at	3B	0.04	200717_x_at		
201007 at	3B	0.04	201711 x at		
203935 at	3B	0.04	201016 at	313	0.04
222104_x_at		0.04	201380 at	3B	
236696_at	3B	0.04	201028 s at		
225719 s at	3B	0.04	201020_s_at		
206707 x at	3B	0.04	217892_s_at		
232087 at		0.04	238122 at	3B	
	3B	0.04	239740 at	3B	0.04
218298 s at	3B	0.04	227647_at	3B	0.04
217734 s at	3B	0.04	204147_s_at		
205486_at	3B	0.04	225083 at	3B	0.04
214791 at		0.04	213373 s at		0.04
202414 at	3B	0.04	213373_s_at 214545 s at	3B	0.04
205037 at	3B	0.04	202322 s at	3B	0.04
213932 x at	3B	0.04	202322_s_at 204786_s_at	3B	0.04
202064 s at	3B	0.04	217902 s at		
202084_s_at	3B	0.04		3B 3B	0.04
207167 at	3B	0.04	200832_s_at 203044 at	3B	0.04
203241 at	3B	0.04	210594 x at		
218902 at	3B	0.04		3B	0.04
204698 at		0.04	217971_at	3B	0.04
	3B	0.04	202944_at	3B	0.04
224388_s_at	3B		203652_at	3B	0.04
203743_s_at	3B	0.04	208817_at	3B	0.04
207460_at	3B	0.04	225294_s_at	3B	0.04
218771_at		0.04	228499 at	3B	0.04
201041_s_at	3B				
100001	3B	0.04	208626_s_at	3в	0.04
1552501_a_at	3B 3B	0.04 0.04	208626_s_at 231999_at	3B 3B	0.04
222218_s_at	3B 3B 3B	0.04 0.04 0.04	208626_s_at 231999_at 208874_x_at	3B 3B 3B	0.04 0.04
222218_s_at 205068_s_at	3B 3B 3B 3B	0.04 0.04 0.04 0.04	208626_s_at 231999_at 208874_x_at 226152_at	3B 3B 3B 3B	0.04 0.04 0.04
222218_s_at 205068_s_at 36019_at	3B 3B 3B 3B 3B	0.04 0.04 0.04 0.04	208626_s_at 231999_at 208874_x_at 226152_at 216895_at	3B 3B 3B 3B 3B	0.04 0.04 0.04 0.04
222218_s_at 205068_s_at 36019_at 202775_s_at	3B 3B 3B 3B 3B 3B	0.04 0.04 0.04 0.04 0.04	208626_s_at 231999_at 208874_x_at 226152_at 216895_at 201770_at	3B 3B 3B 3B 3B 3B	0.04 0.04 0.04 0.04 0.04
222218_s_at 205068_s_at 36019_at 202775_s_at 207535_s_at	3B 3B 3B 3B 3B 3B	0.04 0.04 0.04 0.04 0.04 0.04	208626_s_at 231999_at 208874_x_at 226152_at 216895_at 201770_at 200094_s_at	3B 3B 3B 3B 3B 3B 3B	0.04 0.04 0.04 0.04 0.04
222218_s_at 205068_s_at 36019_at 202775_s_at 207535_s_at 221920_s_at	3B 3B 3B 3B 3B 3B 3B 3B	0.04 0.04 0.04 0.04 0.04 0.04 0.04	208626_s_at 231999_at 208874_x_at 226152_at 216895_at 201770_at 200094_s_at 214618_at	3B 3B 3B 3B 3B 3B 3B 3B	0.04 0.04 0.04 0.04 0.04 0.04
222218_s_at 205068_s_at 36019_at 202775_s_at 207535_s_at	3B 3B 3B 3B 3B 3B	0.04 0.04 0.04 0.04 0.04 0.04	208626_s_at 231999_at 208874_x_at 226152_at 216895_at 201770_at 200094_s_at	3B 3B 3B 3B 3B 3B 3B	0.04 0.04 0.04 0.04 0.04

000440	25	0.04			
202442_at	3B	0.04	208690_s_at	3B	0.04
51228 at	3B	0.04	212006 at	3B	0.04
	3B	0.04			
223904_at	25		1570366_x_at		
200009_at		0.04	217828 at	3B	0.04
202890 at	3B	0.04	225602_at	3B	0.04
226929_at		0.04			
			211100_x_at		0.04
228318_s_at	3B	0.04	224884_at	3B	0.04
237591 at	3B	0.04	221474 at	3B	0.04
225076 s at	3B	0.04	221474_at 203680_at		
			203660_at	3B	
202205_at		0.04	218422 s at	3B	0.04
203301 s at	3B	0.04	206501 x at		0.04
206848 at	3B	0.04			0.04
200040_at	25		212268_at		
216316_x_at	3B	0.04	211962 s at	3B	0.04
225251 at	3B	0.04	222494_at	3B	0.04
202971 s at	3 B	0.04	201783 s at		0.04
209205_s_at	3B	0.04	231727_s_at	3в	0.04
224736 at	3B	0.04	203901_at	3B	0.04
209536 s at	3B	0.04	223501 at	3B	
201296_s_at			205059 <u>    s    a</u> t		0.04
201161 s at	3B	0.04	205230 at	3B	0.04
224626_at	3B	0.04	204000_at		0.04
218869 at	20	0.04	210401	25	
	3B		218401_s_at	3B	0.04
201334_s_at	3B	0.04	218428_s_at	3В	0.04
201060 x at		0.04	202315 s at		0.04
		0.04			
219130_at	25		223416_at		0.04
200734_s_at	3B	0.04	221565_s_at 225761_at	3B	0.04
208656_s_at	3B	0.04	225761 at	3B	0.04
200703 at		0.04	202173 s at		
	3B	0.04	200805_at	3B	0.04
223044 at	3B	0.04	217862_at	3B	0.04
200977 s at	3B	0.04	201173 x at	3B	
			<del>-</del> -		
205847_at	3B	0.04	225739_at	3B	
207233_s_at	3B	0.04	220079 s at	3в	0.04
207500 at	3B	0.04	225985_at	3B	0.04
1552309 a at		0.04			
			217928_s_at	3B	
210376_x_at	3B	0.04	222082_at	ЗВ	0.04
225921 at	3B	0.04	225558 at	3B	0.04
	3B	0.04	218036_x_at	3B	0.04
<del></del>	3B	0.04	218774_at	ЗВ	0.04
219798 s at	3B	0.04	218652_s_at	3B	0.04
217821 s at	3B	0.04	225068 at	3B	0.04
215894_at	3B	0.04	221702_s_at		
217336_at	3B	0.04	200797_s_at	3B	0.04
204283 at	3B	0.04	218144 s at	3B	0.04
204127 at		0.04	218722 s at		
	3B			3B	0.04
	3B	0.04	1568704_a_at	3B	0.04
208459 s at	3B	0.04	209879 at	ЗВ	0.04
208498 s at	3B	0.04	239283 at	3B	0.04
205367_at	3B	0.04	157003 <mark>3</mark> _at	3B	0.04
220266 s at	3B	0.04	223268 at	3B	0.04
209034 at	3B	0.04	201668_x_at	3B	0.04
208916_at	3B	0.04	219493_at	3B	0.04
201160 s at	3B	0.04	201367 s at	3B	0.04
218791 s at	3B	0.04	201094 at	3B	0.04
			<del>-</del>		
220961_s_at	3B	0.04	221464_at	3B	0.04
217104_at	3B	0.04	224836_at	3B	0.04
211366 x at	3B	0.04	200794 x at	3B	0.04
203514 at			<del></del>		
	3B	0.04	227932_at	3B	0.04
1555639_a_at	3B	0.04	220137_at	3B	0.04
1552867 at	3B	0.04	206370 at	3B	0.04
222453 at	3B	0.04	206183_s_at	3B	
					0.04
221755_at	3В	0.04	203085_s_at	3B	0.04
244519_at	3B	0.04	213730 x at	3B	0.04
200645 at	3B	0.04	205047 s at	3B	0.04
	J <b>D</b>			J D	0.04

017000	25	0.04	014000	~ ~	
217930_s_at	3B	0.04	214002_at	3C	1.98e-06
221749 at	3B	0.04	235327 x at	3C	2.0e-06
209600 s at	3B	0.04	203317 at	3C	2.02e-06
207436_x_at	3B	0.04	225787_at	3C	2.09e-06
200038 s at	3B	0.04	244756 at	3C	2.34e-06
203090_at	3B	0.04	218067 s at	3C	2.38e-06
216902 <u>s</u> at	3В	0.04	20 <b>4404</b> _at	3C	2.59e-06
208909 at	3B	0.04	227267 at	3C	2.89e-06
220777 <u></u> at	3B	0.04	208773 s at	3C	2.89e-06
220111_ac					
201484_at		0.04	213932_x_at	3C	3.03e-06
206571 s_at	3B	0.04	20 <b>2014</b> at	3C	3.1e-06
203255 at	3B	0.04	23 <b>4631</b> _at	3C	3.58e-06
203751_x_at	3 <b>B</b>	0.04	206044_s_at	3C	3.66e-06
212501 at	3B	0.04	220856 x at	3C	3.82e-06
223444 at	3B	0.04	208781 x at	3C	3.83e-06
222816_s_at	3B	0.04	204158_s_at	3C	4.11e-06
210667 s at	3B	0.04	$203380 \times at$	3C	4.2e-06
210886 x at	3B	0.04	208 <b>498</b> s at	3C	4.86e-06
238356_at	3B	0.04	220071_x_at	3C	4.92e-06
32837_at	3B	0.04	205786 s at	3C	4.94e-06
22653 <del>6</del> at	3B	0.04	202180_s_at	3C	5.2e-06
			202100_5_4		
1554952_s_at		0.04	223697_x_at	3C	5.86e-06
202364_at	3B	0.04	1563 <b>49</b> 7 at	3C	6.13e-06
1558345_a_at	3B	0.04	200871 s at	3C	6.22e-06
238669_at	3B	0.04	214003 x at		
				3C	6.47e-06
212 <b>4</b> 92_s_at	3B	0.04	234981_x_at	3C	6.64e-06
215210 s at	3B	0.04	201599 at	3C	6.8e-06
224683 at	3B	0.04	203943 at	3C	6.82e-06
			_		
221580_s_at	3B	0.04	222311_s_at	3C	7.78e-06
232103 at	3B	0.04	219981 x at	3C	8.34e-06
225389 at	3B	0.04	213836 s at	3C	8.49e-06
212293_at	3B	0.04	202361_at	3C	8.54e-06
203620 s at	3B	0.04	1552302 at	3C	8.68e-06
208772 at	3B	0.04	$224667 \times at$	3C	8.97e-06
237640 at	3B				
		0.04	220439_at	3C	8.97e-06
200687 <u>s</u> at	3B	0.04	213956_at	3C	9.11e-06
221503 s at	3B	0.04	210244 at	3C	9.91e-06
202066 at	3B	0.04		3C	1.01e-05
208771_s_at	3B	0.04	210 <b>428_</b> s_at	3C	1.06e-05
208138 at	3B	0.04	201010 s at	3C	1.06e-05
222064 s at	3B	0.04	200710 at	3C	1.07e-05
205583_s_at	3B	0.04	203255_at	3C	
223502 s at	3B	0.04	218157 x at	3C	1.12e-05
201060 x at	3C	2.81e-08	224564 s at	3C	1.13e-05
<del></del>					
209240_at	3C	8.4e-08	209458_x_at	3C	1.13e-05
218740_s_at	3C	1.2e-07	200033_at	3C	1.13e-05
218064_s_at	3Ç	1.46e-07	202157 s at	3C	1.14e-05
201061 s at	3C	2.2e-07	220980 s at		
				3C	1.16e-05
203560_at	3C	2.43e-07	200983_x_at	3C	1.16e-05
201057 s at	3C	2.48e-07	244766 at	3C	1.17e-05
203624_at	3C	3.78e-07	222913 at	3C	
					1.17e-05
203744_at	3C	4.13e-07	54632_at	3C	1.23e-05
219421 at	3C	4.41e-07	22000 <del>0</del> at	3C	1.24e-05
202955 s at	3C	4.99e-07	228318 s at	3C	1.29e-05
203723_at	3C	7.04e-07	229120_s_at	3C	1.39e-05
238701 x at	3C	7.87e-07	203694 s at	3C	1.48e-05
91682 at	3C	7.9e-07	1555866 a at		1.49e-05
206792_x_at	3C	1.02e-06	219049_at	3C	1.51e-05
213545_x_at	3C	1.47e-06	225208_s_at	3C	1.52e-05
202104 s at	3C	1.71e-06	220712 at	3C	1.52e-05
1553718 at	3C				
		1.73e-06	205756_s_at	3C	1.57e-05
227833_s_at	3C	1.75e-06	211699_x_at	3C	1.73e-05
208246 x at	3C	1.91e-06	215207 x at	3C	1.75e-05
1562511 at	3C	1.91e-06	210648 x at	3C	1.75e-05
1002011_60	50	1.710 00	210010_A_ac		1.75-03

205546_s_at	3C	1.75e-05	205583 s at	3C	5.28e-05
200041_s_at	3C	1.75e-05	231735_s_at	3C	5.33e-05
224707 at	3C	1.76e-05	202251 at	3C	5.63e-05
201598 s at	3C	1.77e-05	202231_at 205716 at	3C	5.67e-05
202031 s at	3C	1.78e-05	225191 at	3C	5.68e-05
	3C	1.78e-05			
202522_at			219452_at	3C	5.68e-05
212359_s_at	3C	1.94e-05	1563455_at	3C	5.77e-05
217868_s_at	3C	2.09e-05	204425_at	3C	5.83e-05
230529_at	3C	2.1e-05	222981_s_at	3C	5.83e-05
219040_at	3C	2.13e-05	1553185_at		5.85e-05
205370_x_at	3C	2.2e-05	206035_at	3C	5.87e-05
220046_s_at	3C	2.3e-05	AFFX-		
213347_x_at	3C	2.3e-05	hum_alu_at	3C	5.96e-05
1555606_a_at		2.43e-05	221500_s_at	3C	6.0e-05
203021_at	3C	2.47e-05	202841_x_at	3C	6.04e-05
243981_at	3C	2.56e-05	213065_at	3C	6.06e-05
218920_at 217414_x_at	3C	2.65e-05	209409_at 212531 at	3C	6.16e-05
217414_x_at	3C	2.66e-05	212531_at	3C	6.24e-05
236621 <u>a</u> t		2.74e-05	780 <b>47_s_</b> at	3C	
219957_at	3C	2.74e-05	220702_at	3C	6.37e-05
203900 <u>a</u> t	3C	2.76e-05	225995 <u>x</u> at	3C	6.57e-05
212753_at	3C	2.82e-05	44146_at	3C	6.58e-05
200899 <u>s</u> at		2.82e-05	214459_x_at	3C	6.6e-05
236436_at	3C	2.94e-05	208195_at	3C	6.6e-05
219594_at		3.05e-05	214594_x_at	3C	6.67e-05
210638_s_at	3C	3.05e-05	206323_x_at	3C	6.68e-05
209430_at	3C	3.22e-05	219980_at	3C	6.72e-05
209116_x_at	3C	3.34e-05	213624_at	3C	6.78e-05
203442_x_at	3C	3.39e-05	202038_at	3C	6.78e-05
201748_s_at	3C	3.41e-05	207384_at	3C	6.86e-05
209148 at	3C	3.49e-05	212869 x at	3C	6.87e-05
206177_s_at	3C	3.55e-05	219672 at	3C	7.0e-05
201972_at	3C	3.6e-05	1558111_at	3C	7.04e-05
206676_at	3C	3.61e-05	213671_s_at	3C	7.06e-05
1553088_a_at	3C	3.63e-05	220661_s_at	3C	7.1e-05
204018_x_at	3C	3.7e-05	208872_s_at	3C	7.1e-05
234671_at	3C	3.73e-05	208720_s_at	3C	7.1e-05
204193_at	3C	3.75e-05	202532_s_at	3C	7.16e-05
226334 <u>s</u> at	3C	3.86e-05	200726_at	3C	7.16e-05
218298_s_at	3C	3.86e-05	200998_s_at	3C	7.18e-05
205312_at	3C	3.95e-05	214414_x_at	3C	7.2e-05
207474_at	3C	3.95e-05	211749_s_at	3C	7.29e-05
213185_at	3C	3.97e-05	202917 s at	3C	7.32e-05
200889_s_at	3C	4.06e-05	217928 s at	3C	7.35e-05
207941_s_at	3C	4.14e-05	208039_at	3C	7.35e-05
202460_s_at	3C	4.17e-05	207783_x_at	3C	7.5e-05
202377_at	3C	4.2e-05	201389_at	3C	7.64e-05
212969 x at	3C	4.23e-05	224616 at	3C	7.68e-05
223857_x_at	3C	4.41e-05	220446 s at	3C	7.82e-05
203288_at	3C	4.49e-05	213867_x_at	3C	7.91e-05
207365_x_at	3C	4.5e-05	225756 at	3C	8.15e-05
218079 s at	3C	4.54e-05	201315 x at	3C	8.19e-05
201055_s_at	3C	4.54e-05	205513 at	3C	8.23e-05
225120 at	3C	4.6e-05	207730 x at	3C	8.38e-05
214055 x at	3C	4.6e-05	226076 s at	3C	8.41e-05
202503_s_at	3C	4.6e-05	219259_at	3C	8.43e-05
200021_at	3C	4.6e-05	208857_s_at	3C	8.52e-05
203925_at	3C	4.77e-05	1554455 at	3C	8.52e-05
226091 s at	3C	4.89e-05	208943 s at	3C	8.55e-05
239740 at	3C	4.89e-05	213622 at	3C	8.62e-05
202957 at	3C	4.93e-05	202951_at	3C	8.8e-05
209619 at	3C	4.97e-05	212661 x at	3C	8.88e-05
201221 s at	3C	5.12e-05	201475 x at	3C	8.88e-05
211745_x_at	3C	5.18e-05	235479_at	3C	8.96e-05
			_		

208835_s_at	3C	8.96e-05	1570033 at	3C	1.48e-04
201582 at	3C	8.96e-05	225649 s at	3C	1.5e-04
202057 at	3C	9.05e-05	227 <b>4</b> 67 at	3C	1.51e-04
200801 x at	3C	9.07e-05	211995 x at	3C	1.53e-04
235816 s at	3C	9.14e-05	227233 at	3C	1.55e-04
215336 at	3C	9.41e-05	236254_at	3C	1.56e-04
220933 s at	3C	9.51e-05	201305 a+	3C	1.56e-04
211696 x at	3C	9.53e-05	203198_at	3C	1.57e-04
210142 x at	3C	9.59e-05	202573_at	3C	1.57e-04
201136 at	3C	9.62e-05	225508 at	3C	1.59e-04
202880_s_at	3C	9.73e-05	200650_s_at	3C	1.6e-04
221858 at	3C	9.74e-05	222217 s at	3C	1.61e-04
212024_x_at	3C	9.78e-05	200031 s at	3C	1.61e-04
201554_x_at	3C	9.79e-05	225374_at	3C	1.63e-04
242048_at	3C	1.02e-04	211742_s_at	3C	1.63e-04
220034_at	3C	1.03e-04	205863_at	3C	1.63e-04
209140 x_at	3C	1.03e-04	219371 s at	3C	1.66e-04
214938_x_at	3C	1.04e-04	221619 s at	3C	1.67e-04
204692_at	3C	1.04e-04	32259 at	3C	1.68e-04
201369_s_at	3C	1.04e-04	202220 at	3C	1.68e-04
203107 x at	3C	1.06e-04	218776 s at	3C	1.69e-04
201891_s_at	3C	1.06e-04	212542 s at	3C	1.69e-04
219549 s at	3C	1.07e-04	209252 at	3C	1.69e-04
214135 at	3C	1.08e-04	207671 s at	3C	1.7e-04
225563_at	3C	1.09e-04	217817 at	3C	1.71e-04
225218_at	3C	1.09e-04	206209 <sup>-</sup> s at	3C	1.71e-04
222605_at	3C	1.09e-04	37796 at	3C	1.72e-04
209514_s_at	3C	1.09e-04	232946_s_at	3C	1.72e-04
212706_at	3C	1.1e-04	218595_s_at	3C	1.72e-04
216526_x_at	3C	1.1e-04	211657_at	3C	1.72e-04
204164_at	3C	1.1e-04	219359 at	3C	1.73e-04
203729_at	3C	1.1e-04	74694_s_at	3C	1.8e-04
224561_s_at	3C	1.12e-04	210858_x_at	3C	1.81e-04
203839_s_at	3C	1.12e-04	220238_s_at	3C	1.84e-04
225406_at	3C	1.13e-04	213034_at	3C	1.85e-04
218614_at	3C	1.13e-04	203282_at	3C	1.86e-04
218310_at	3C	1.14e-04	155356 <mark>9</mark> _at	3C	1.87e-04
217232_x_at	3C	1.15e-04	201492_s_at	3C	1.87e-04
210962_s_at	3C	1.15e-04	221208_s_at	3C	1.88e-04
227811_at	3C	1.16e-04	202 <b>466_</b> at	3C	1.88e-04
224585_x_at	3C	1.16e-04	206257_at	3C	1.91e-04
218941_at	3C	1.21e-04	208651_x_at	3C	1.94e-04
207269_at	3C	1.23e-04	22 <b>42</b> 50_s_at	3C	1.99e-04
208174_x_at	3C	1.23e-04	37 <b>652_a</b> t	3C	2.0e-04
208812_x_at	3C	1.23e-04	213280_at	3C	2.01e-04
201805_at	3C	1.26e-04	208610_s_at	3C	2.01e-04
219186_at	3C	1.28e-04	1552553_a_at		2.01e-04
212576_at	3C	1.28e-04	218600_at	3C	2.03e-04
204038_s_at	3C	1.28e-04	202107_s_at	3C	2.04e-04
221511_x_at	3C	1.28e-04	203535_at	3C	2.09e-04
200797_s_at	3C	1.28e-04	218039_at	3C	2.11e-04
204714_s_at	3C	1.3e-04	201071_x_at	3C	2.11e-04
203370_s_at	3C	1.3e-04	203034_s_at	3C	2.12e-04
211504_x_at	3C	1.31e-04	218599_at	3C	2.13e-04
202624_s_at	3C	1.33e-04	215832_x_at	3C	2.15e-04
219678_x_at	3C	1.34e-04	227905_s_at	3C	2.16e-04
218905_at	3C	1.35e-04	211883_x_at	3C	2.16e-04
212988_x_at	3C	1.35e-04	200059_s_at	3C	2.16e-04
207064_s_at	3C	1.38e-04	206790_s_at	3C	2.17e-04
206834_at	3C	1.42e-04	201903_at	3C	2.17e-04
208919_s_at	3C	1.45e-04	210186_s_at	3C	2.21e-04
208749_x_at	3C	1.46e-04	203752_s_at	3C	2.22e-04
231922_at	3C	1.48e-04	202388_at	3C	2.22e-04
216231_s_at	3C	1.48e-04	202902_s_at	3C	2.22e-04

208695_s_at	3C	2.22e-04	203804 s at	3C	3.24e-04
232008 s at	3C	2.24e-04	213018 at	3C	3.25e-04
200663_at	3C	2.26e-04	225294 s at	3C	3.3e-04
209773_s_at	3C	2.3e-04	218950_at	3C	3.3e-04
211275 s at	3C	2.32e-04	223097 at	3C	3.35e-04
205557 at	3C	2.33e-04	$208012^{-}$ x at	3C	3.35e-04
214523_at	3C	2.37e-04	202681_at	3C	3.37e-04
202548 s at	3C	2.38e-04	AFFX-HSAC07/		
202379 s at	3C	2.38e-04	X00351 M	3C	3.38e-04
210556 at	3C	2.4e-04	200763 s at	3C	
					3.41e-04
205068_s_at	3C	2.4e-04	220408_x_at	3C	3.42e-04
220949_s_at	3C	2.41e-04	204192 at	3C	3.42e-04
201721 s at	3C	2.41e-04	203459_s_at	3C	3.45e-04
221804_s_at	3C	2.43e-04	201356_at	3C	3.45e-04
210069 at	3C	2.43e-04	209512_at	3C	3.47e-04
201605 x at	3C	2.44e-04	216993 s at	3C	3.48e-04
209806 at	3C	2.45e-04			
			211040_x_at	3C	3.49e-04
202682 <u>s_at</u>	3C	2.45e-04	211779_x_at	3C	3.49e-04
202187 s at	3C	2.45e-04	202910 s at	3C	3.57e-04
219033 at	3C	2.46e-04	207674 at	3C	3.58e-04
203318_s_at			_		
	3C	2.46e-04	213341_at	3C	3.64e-04
212307_s_at	3C	2.49e-04	204633_s_at	3C	3.65e-04
205554 s at	3C	2.49e-04	209906 at	3C	3.66e-04
225640 at	3C	2.5e-04	203006 at	3C	3.66e-04
209762_x_at	3C	2.5e-04	1553588_at	3C	3.66e-04
225247 at	3C	2.51e-04	1554670_at	3C	3.67e-04
218265 at	3C	2.52e-04	222667 s at	3C	3.68e-04
200077 s at	3C.	2.52e-04			
<b>—</b> —			202499_s_at	3C	3.7e-04
204959_at	3C	2.53e-04	32099_at	3C	3.72e-04
203502_at	3C	2.54e-04	237426_at	3C	3.72e-04
221580 s at	3C	2.54e-04	212733 at	3C	3.72e-04
1554892_a_at		2.56e-04	222 <b>435</b> _s_at	3C	3.72e-04
213515_x_at	3C	2.6e-04	2007 <b>91</b> _s_at	3C	3.72e-04
218578 at	3C	2.63e-04	202545 at	3C	3.78e-04
203110 at	3C	2.67e-04	220615_s_at	3C	3.84e-04
160020_at	3C	2.69e-04	2013 <b>57_</b> s_at	3C	3.88e-04
203254_s_at	3C	2.7e-04	217732_s_at	3C	3.9e-04
212222 at	3C	2.73e-04	221547 at	3C	3.91e-04
236165_at	3C	2.8e-04	205255_x_at	3C	3.91e-04
			203233_x_ac		
36030_at	3C	2.81e-04	221875_x_at	3C	3.93e-04
202990_at	3C	2.83e-04	220956 s at	3C	3.93e-04
219797 at	3C	2.88e-04	213051 at	3C	3.94e-04
213198 at	3C	2.91e-04	209007_s_at	3C	
					3.94e-04
38710_at	3C	2.92e-04	211997_x_at	3C	3.97e-04
203523_at	3C	2.92e-04	204039 at	3C	3.99e-04
220467 at	3C	2.96e-04	40149 at	3C	4.01e-04
206240_s_at	3C	2.98e-04	205550 s at	3C	4.04e-04
1554503_a_at	3C	2.98e-04	229723_at	3C	4.08e-04
220416_at	3C	2.99e-04	57539 at	3C	4.08e-04
37028 at	3C	3.0e-04	$20402\overline{6}$ s at	3C	4.09e-04
207801 s at	3C	3.01e-04			
			203922_s_at	3C	4.11e-04
219156_at	3C	3.02e-04	209234_at	3C	4.13e-04
200985 s at	3C	3.07e-04	211983 x at	3C	4.15e-04
229872 s at	3C	3.1e-04	218873 at	3C	4.19e-04
210004_at	3C	3.11e-04	201288_at	3C	4.21e-04
225250_at	3C	3.16e-04	201118_at	3C	4.24e-04
214084 x at	3C	3.16e-04	227869_at	3C	4.27e-04
218231 at	3C	3.16e-04	211940 x at	3C	
					4.3e-04
208898_at	3C	3.16e-04	228336_at	3C	4.32e-04
1557915_s_at	3C	3.18e-04	225132 at	3C	4.37e-04
200905 x at	3C	3.18e-04	221607 x at	3C	4.38e-04
238593 at	3C	3.22e-04			
			235568_at	3C	4.41e-04
202431_s_at	3C	3.22e-04	1553749_at	3C	4.41e-04
208486_at	3C	3.22e-04	1552347 at	3C	4.44e-04
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010100	~~	0.			
210128_s_at	3C	4.5e-04	200890_s_at	3C	5.98e-04
209236 at	3C	4.55e-04	218303 x at	3C	6.04e-04
212159 x at	3C	4.61e-04	201768_s_at	3C	6.04e-04
211185 s at	3C	4.61e-04	204031 s at		
				3C	6.12e-04
232520_s_at	3C	4.62e-04	1553567_s_at	3C	6.14e-04
218192 at	3C	4.62e-04	201531 at	3C	6.19e-04
222442 s at	3C	4.62e-04	221790_s_at	3C	
					6.21e-04
222825_at	3C	4.64e-04	1554624_a_at	3C	6.21e-04
207081 s at	3C	4.68e-04	208632 at	3C	6.25e-04
225251 at	3C	4.7e-04	222432 s at	3C	6.31e-04
222156_x_at	3C	4.7e-04	1553570_x_at		6.31e-04
220881_at	3C	4.7e-04	227236 at	3C	6.32e-04
205950 s at	3C	4.75e-04	226544_x_at	3C	6.32e-04
208825_x_at	3C	4.77e-04	206302 s at		
				3C	6.32e-04
211581_x_at	3C	4.84e-04	208904_s_at	3C	6.32e-04
205237 at	3C	4.84e-04	204526 s at	3C	6.43e-04
227207_x_at	3C	4.85e-04	218456 at	3C	6.44e-04
212271_at	3C	4.85e-04	204419_x_at	3C	6.44e-04
217733_s_at	3C	4.9e-04	1569206 at	3C	6.47e-04
220945 x at	3C	4.9e-04	212259 s at	3C	6.48e-04
201301_s_at	3C	4.92e-04	202119 s at	3C	6.54e-04
204478_s_at	3C	4.94e-04	204211_x_at	3C	6.55e-04
222447 at	3C	4.94e-04	208642 s at	3C	6.58e-04
212015 x at	3C	4.98e-04	212330 at	3C	6.62e-04
219457_s_at	3C	5.01e-04	213084 x at		
				3C	6.68e-04
223993_s_at	3C	5.02e-04	203012_x_at	3C	6.68e-04
226566 at	3C	5.02e-04	204563 at	3C	6.73e-04
212780 at	3C	5.02e-04	219403 s at	3C	6.76e-04
212227 x at					
	3C	5.02e-04	266_s_at	3C	6.77e-04
200999_s_at	3C	5.04e-04	215089 s at	3C	6.77e-04
89476 r at	3C	5.08e-04	217918 at	3C	6.81e-04
91952 at	3C	5.12e-04	202478 at	3C	6.81e-04
213340_s_at	3C	5.15e-04	218290_at	3C	6.85e-04
202302_s_at	3C	5.15e-04	2035 <b>14</b> at	3C	6.85e-04
222262 s at	3C	5.17e-04	218639_s_at	3C	6.87e-04
201096 s at	3C	5.19e-04	214953 s at	3C	6.87e-04
209770_at	3C	5.22e-04	222133_s_at	3C	6.87e-04
224414_s_at	3C	5.27e-04	201232 s at	3C	6.87e-04
218543 s at	3C	5.27e-04	221698_s_at	3C	6.93e-04
209771 x at	3C	5.28e-04	202477 s at	3C	6.95e-04
235396_at	3C	5.32e-04	22 <b>4</b> 873_s_at	3C	6.96e-04
201914_s_at	3C	5.33e-04	225282 at	3C	6.97e-04
227379 at	3C	5.35e-04	203528 at	3C	6.97e-04
71933 at	3C	5.35e-04	201094 at	3C	6.97e-04
			<del>-</del>		
21858 <mark>3</mark> _s_at	3C	5.36e-04	221484_at	3C	7.08e-04
211978_x_at	3C	5.37e-04	209515 s at	3C	7.08e-04
219095 at	3C	5.46e-04	210951_x_at	3C	7.08e-04
225076 s at	3C	5.5e-04	203116_s_at	3C	
					7.1e-04
225289_at	3C	5.5e-04	235067_at	3C	7.11e-04
225830 at	3C	5.53e-04	218060 s at	3C	7.11e-04
200863 s at	3C	5.54e-04	226050 at	3C	7.13e-04
	3C				
205142_x_at		5.58e-04	212460_at	3C	7.13e-04
219281_at	3C	5.68e-04	209369 at	3C	7.13e-04
244495 x at	3C	5.73e-04	215313 x at	3C	7.17e-04
204007 at	3C	5.74e-04	202096 s at	3C	7.29e-04
213483_at	3C	5.75e-04	205627_at	3C	7.32e-04
212835_at	3C	5.75e-04	206656_s_at	3C	7.34e-04
201388 at	3C	5.75e-04	233929 x at	3C	7.36e-04
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220796_x_at	3C	5.81e-04	201082_s_at	3C	7.37e-04
202621_at	3C	5.81e-04	228999_at	3C	7.39e-04
208625_s_at	3C	5.82e-04	239761_at	3C	7.41e-04
1552343 s at		5.86e-04	214550 s at	3C	7.47e-04
1554510_s_at		5.88e-04	212329_at	3C	7.54e-04
204308_s_at	3C	5.98e-04	204520_x_at	3C	7.54e-04
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220742 s_at
              3C
                  7.54e-04
                                          1552773 at
                                                        3C
                                                            9.6e-04
222708_s_at
                  7.54e-04
                                                        3C
              3C
                                          210716_s_at
                                                             9.64e-04
                  7.69e-04
                                          218992 at
208540 \times at
              3C
                                                        3C
                                                             9.66e-04
1554679 a_at 3C
                  7.71e-04
                                          204204_at
                                                        3C
                                                             9.66e-04
              3C
                  7.75e-04
206738_at
                                          200051_at
                                                        3C
                                                             9.66e-04
216593_s_at
                  7.83e-04
                                          220659_s_at
              3C
                                                        3C
                                                             9.7e-04
201673_s_at
              3C
                  7.83e-04
                                          214775 at
                                                        3C
                                                             9.72e-04
223417_at
              3C
                  7.84e-04
                                          204280 at
                                                        3C
                                                             9.72e-04
208103_s_at
              3C
                  7.85e-04
                                          217837_s_at
                                                        3C
                                                             9.73e-04
                  7.97e-04
                                          203134_at
224789_at
              3C
                                                        3C
                                                             9.78e-04
210017_at
              3C
                  7.97e-04
                                          1558953_s_at 3C
                                                             9.78e-04
                                                             9.89e-04
203175_at
              3C
                  8.01e-04
                                          241353_s_at
                                                        3C
                                          223044_at
204713_s_at
              3C
                  8.07e-04
                                                        3C
                                                             9.89e-04
                                          202281_at
                                                             9.89e-04
200741_s_at
              3C
                  8.1e-04
                                                        3C
215399_s_at
              3C
                  8.12e-04
                                          205698 s at
                                                        3C
                                                             9.89e-04
                                                        3C
228098 s at
              3C
                  8.2e-04
                                          205895 s at
                                                             9.89e-04
                  8.2e-04
209879 at
              3C
                                          211271 x at
                                                        3C
                                                             9.94e-04
                                                             9.95e-04
206559 \times at
              3C
                  8.2e-04
                                                        3C
                                           201253_s_at
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                  8.2e-04
208643 s at
              3C
                                           202572 s at
                                                        3C
                  8.22e-04
209791 at
              3C
                                           207777 s at
                                                        3C
                                                             9.97e-04
                  8.26e-04
203568_s_at
              3C
                                          1554899 s at 3C
                                                             1.00444e-03
205917 at
              3C
                  8.28e-04
                                           224680 at
                                                        3C
                                                             1.009498e-03
                  8.29e-04
57739 at
              3C
                                          221480 at
                                                        3C
                                                             1.009891e-03
                  8.44e-04
222557 at
              3C
                                          223444 at
                                                        3C
                                                             1.011831e-03
                  8.54e-04
                                           210443_x_at
228230 at
              3C
                                                        3C
                                                             1.029452e-03
200794_x_at
              3C
                  8.64e-04
                                                        3C
                                                             1.030586e-03
                                           227658_s_at
                  8.66e-04
217930 s at
              3C
                                           205022 s at
                                                        3C
                                                             1.032881e-03
215498 s at
              3C
                  8.77e-04
                                           201319 at
                                                        3C
                                                             1.036894e-03
211970_x_at
              3C
                  8.77e-04
                                           220704 at
                                                         3C
                                                             1.038641e-03
210070 s at
              3C
                  8.79e-04
                                           220525 s at
                                                        3C
                                                             1.047745e-03
                  8.79e-04
209333 at
              3C
                                           214606 at
                                                         3C
                                                             1.055733e-03
204950 at
              3C
                  8.82e-04
                                           48659 at
                                                         3C
                                                             1.057067e-03
                                           211919_s_at
218454 at
              3C
                  8.83e-04
                                                        3C
                                                             1.069845e-03
218431 at
              3C
                  8.85e-04
                                           226726 at
                                                         3C
                                                             1.074738e-03
208082_x_at
              3C
                  8.86e-04
                                           211509_s_at
                                                         3Ç
                                                             1.074738e-03
203186_s_at
              3C
                  8.88e-04
                                           212437 at
                                                         3C
                                                             1.078411e-03
202381_at
              3C
                  8.91e-04
                                           200819 s at
                                                         3C
                                                             1.079768e-03
201665 x at
              3C
                  8.95e-04
                                           203936 s at
                                                         3C
                                                             1.080269e-03
218728 s at
              3C
                  9.0e-04
                                           204473 s at
                                                         3C
                                                             1.088342e-03
207667 s at
              3C
                  9.0e-04
                                           218155 x at
                                                         3C
                                                             1.089806e-03
225899 x at
              3C
                  9.01e-04
                                           203360 s at
                                                         3C
                                                             1.089806e-03
200668 s at
              3C
                  9.04e-04
                                           209571 at
                                                         3C
                                                             1.089806e-03
216379 x at
              3C
                  9.15e-04
                                           201293 x at
                                                         3C
                                                             1.089806e-03
206707 x at
              3C
                  9.15e-04
                                           201257 x at
                                                             1.089806e-03
210846 x at
                  9.19e-04
                                           219724_s_at
                                                             1.090671e-03
              3C
208093 s at
              3C
                  9.19e-04
                                           201222 s at
                                                         3C
                                                             1.091981e-03
220001 at
              3C
                  9.2e-04
                                           202161 at
                                                         3C
                                                             1.095152e-03
201049 s_at
                                           243790 at
              3C
                  9.2e-04
                                                         ЗС
                                                             1.096833e-03
205277 at
              3C
                  9.35e-04
                                           230036 at
                                                         3C
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226659 at
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203145 at	3C	1.309524e-03	60471 at	3C	1.623252e-03
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		1.35807e-03	219035_s_at	3C	1.653253e-03
212522_at	3C	1.361783e-03	227066_at	3C	1.657292e-03

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226608_at	3C	1.923667e-03	203944 <u>x</u> at	3C	2.247218e-03
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226163 at 3C						
230707  at   3C   2.35494e-03   219326  s at   3C   2.751398e-03   214511  x at   3C   2.35494e-03   211433  x at   3C   2.758022e-03   228087  at   3C   2.379374e-03   215735  s at   3C   2.760312e-03   21924  at   3C   2.379374e-03   203063  at   3C   2.760312e-03   211101  x at   3C   2.379374e-03   221495  s at   3C   2.77892e-03   211101  x at   3C   2.39587e-03   221495  s at   3C   2.781708e-03   228747  at   3C   2.396183e-03   200686  s at   3C   2.78242e-03   228747  at   3C   2.396183e-03   200686  s at   3C   2.791244e-03   226338  at   3C   2.406101e-03   38269  at   3C   2.793685e-03   221435  s at   3C   2.793685e-03   2233136  at   3C   2.423716e-03   226975  at   3C   2.79554e-03   2233136  at   3C   2.43505e-03   226975  at   3C   2.836106e-03   2244318  at   3C   2.436549e-03   212483  at   3C   2.836406e-03   224821  at   3C   2.436549e-03   212483  at   3C   2.836406e-03   22431  s at   3C   2.446519e-03   214494  s at   3C   2.866789e-03   226975  at   3C   2.866789e-03   22	<del></del>					
214511 x at 3C				<del></del>	3C	
228087 at 3C	<del>-</del>			219326_s_at	3C	
219294_at 3C					3C	
205212 s at 3 C		3C	2.362614e-03		3C	2.7582e-03
211101_x_at 3C		3C	2.379374e-03	203063_at	3C	2.760312e-03
208798_xat 3C		3C	2.387629e-03	1555811_at	3C	2.772594e-03
228747_at 3C 2.396183e-03 200912_s_at 3C 2.784541e-03 219593_at 3C 2.396183e-03 200686 s_at 3C 2.793685e-03 226338_at 3C 2.406101e-03 38269_at 3C 2.793685e-03 226338_at 3C 2.410373e-03 222413_s_at 3C 2.793685e-03 201730_s_at 3C 2.422771e-03 200716_x_at 3C 2.793685e-03 219846_at 3C 2.422731e-03 220675_at 3C 2.793685e-03 223136_at 3C 2.423505e-03 212804_s_at 3C 2.833137e-03 200851_s_at 3C 2.43505e-03 212483_at 3C 2.8334197e-03 200851_s_at 3C 2.43505e-03 212484_s_at 3C 2.834197e-03 204046_at 3C 2.446519e-03 214494_s_at 3C 2.836406e-03 201231_s_at 3C 2.447773e-03 222997_s_at 3C 2.866789e-03 201231_s_at 3C 2.447773e-03 222997_s_at 3C 2.866789e-03 201231_s_at 3C 2.451728e-03 201494_at 3C 2.869033e-03 226098_at 3C 2.461799e-03 205596_s_at 3C 2.870252e-03 203522_at 3C 2.462094e-03 201864_at 3C 2.882874e-03 1294_at 3C 2.462094e-03 201864_at 3C 2.882874e-03 1294_at 3C 2.462094e-03 201864_at 3C 2.882874e-03 1294_at 3C 2.48282e-03 201864_at 3C 2.882874e-03 205594_at 3C 2.48282e-03 207702_s_at 3C 2.892943e-03 207717_at 3C 2.486136e-03 202118_s_at 3C 2.892943e-03 2075594_at 3C 2.489108e-03 202188_s_at 3C 2.892943e-03 2075594_at 3C 2.489108e-03 202188_s_at 3C 2.908106e-03 201567_s_at 3C 2.489108e-03 202188_s_at 3C 2.908106e-03 201572_s_at 3C 2.553555e-03 200678_x_at 3C 2.554005e-03 200678_x_at 3C 2.554005e-03 200678_x_at 3C 2.5545686e-03 20265_s_at 3C 2.908106e-03 200678_x_at 3C 2.5545686e-03 203665_at 3C 2.908106e-03 200678_x_at 3C 2.5545686e-03 203632_s_at 3C 2.908106e-03 203559_s_at 3C 2.5545686e-03 203632_s_at 3C 2.908106e-03 203559_s_at 3C 2.5545686e-03 203638_s_at 3C 2.921434e-03 203559_s_at 3C 2.5545686e-03 20366_s_at 3C 2.921434e-03 203559_s_at 3C 2.5545686e-03 20366_s_at 3C 2.921434e-03 203559_s_at 3C 2.569342e-03 203020_at 3C 2.921434e-03 203559_s_at 3C 2.569342e-03 203266_at 3C 2.921434e-03 203559_s_at 3C 2.569342e-03 203266_at 3C 2.924827e-03 203	211101_x_at	3C	2.389587e-03	221495 s at	3C	2.781708e-03
219593_at 3C	208798 x at	3C	2.392235e-03	217995 at	3C	2.782942e-03
208736_at	228747 at	3C	2.396183e-03	200912 s at	3C	2.784541e-03
208736_at	219593 at	3C	2.396183e-03	200686 s at	3C	2.791244e-03
226338_at		3C	2.406101e-03		3C	2.793685e-03
201730_s_at 3C			2.410373e-03			
219846_at						
223136_at			•			
200851 s at 3C						
204046_at 3C	_					
204821_at						
218652_s_at 3C						
201231_s_at 3C						
226098_at						
203522_at 3C						·
64432_at       3C       2.462094e-03       218659_at       3C       2.882874e-03         1552315_at       3C       2.462094e-03       201864_at       3C       2.882874e-03         1294_at       3C       2.48282e-03       210504_at       3C       2.891598e-03         396_f_at       3C       2.48282e-03       210504_at       3C       2.892943e-03         40465_at       3C       2.486136e-03       202118_s_at       3C       2.892943e-03         209717_at       3C       2.486136e-03       204232_at       3C       2.89243e-03         205594_at       3C       2.489108e-03       202059_s_at       3C       2.90212e-03         208955_at       3C       2.492398e-03       204674_at       3C       2.908106e-03         201567_s_at       3C       2.504923e-03       204674_at       3C       2.908106e-03         200678_x_at       3C       2.525305e-03       206332_s_at       3C       2.908106e-03         200817_x_at       3C       2.54558642e-03       208961_s_at       3C       2.908106e-03         222715_s_at       3C       2.544005e-03       20320_at       3C       2.916562e-03         223179_at       3C       2.553252e-03       203						
15523Ī5_at 3C 2.462094e-03 201864_at 3C 2.882874e-03 1294_at 3C 2.464279e-03 202700_s_at 3C 2.891598e-03 396_f_at 3C 2.48282e-03 210504_at 3C 2.892943e-03 40465_at 3C 2.486136e-03 202118_s_at 3C 2.892943e-03 209717_at 3C 2.486136e-03 204232_at 3C 2.892943e-03 205594_at 3C 2.489108e-03 202059_s_at 3C 2.902912e-03 208955_at 3C 2.492398e-03 204674_at 3C 2.902912e-03 201567_s_at 3C 2.504923e-03 204674_at 3C 2.908106e-03 201567_s_at 3C 2.5525305e-03 206332_s_at 3C 2.908106e-03 200678_x_at 3C 2.525305e-03 206332_s_at 3C 2.908106e-03 202715_s_at 3C 2.536542e-03 208961_s_at 3C 2.908106e-03 204072_s_at 3C 2.544005e-03 203020_at 3C 2.916562e-03 223179_at 3C 2.544005e-03 229563_s_at 3C 2.921434e-03 207727_s_at 3C 2.553252e-03 212130_x_at 3C 2.921434e-03 207727_s_at 3C 2.569342e-03 212130_x_at 3C 2.921434e-03 1552287_s_at 3C 2.569342e-03 201012_at 3C 2.921434e-03 1552287_s_at 3C 2.569342e-03 223163_at 3C 2.924827e-03 AFFX-HUMGAPDH/ 223763_at 3C 2.924827e-03 223763_at 3C 2.924827e-03 219023_at 3C 2.58923e-03 220244_at 3C 2.992482-03 219023_at 3C 2.58923e-03 220244_at 3C 2.992385e-03 225264_at 3C 2.589208e-03 1555419_a_at 3C 2.972385e-03 225264_at 3C 2.5604438e-03 227466_at 3C 3.009974e-03 225989_s_at 3C 2.661458e-03 220330_s_at 3C 3.0099791e-03 222989_s_at 3C 2.661458e-03 220330_s_at 3C 3.009971e-03						
1294_at						
396_f_at	<del>-</del>			_		
40465_at       3C       2.486136e-03       202118_s_at       3C       2.892943e-03         209717_at       3C       2.486136e-03       204232_at       3C       2.898433e-03         205594_at       3C       2.489108e-03       202059_s_at       3C       2.902912e-03         208955_at       3C       2.492398e-03       204674_at       3C       2.908106e-03         201567_s_at       3C       2.504923e-03       210423_s_at       3C       2.908106e-03         200678_x_at       3C       2.525305e-03       206332_s_at       3C       2.908106e-03         200817_x_at       3C       2.54558e-03       208961_s_at       3C       2.908106e-03         222715_s_at       3C       2.544005e-03       203020_at       3C       2.916562e-03         223179_at       3C       2.545686e-03       229563_s_at       3C       2.921434e-03         207727_s_at       3C       2.553252e-03       212130_x_at       3C       2.921434e-03         203599_s_at       3C       2.569342e-03       2255050_at       3C       2.921434e-03         203599_s_at       3C       2.569342e-03       225050_at       3C       2.924827e-03         AFFX-HUMGAPDH/       223763_at       3						
209717_at 3C						
205594_at 3C						
208955_at 3C 2.492398e-03 204674_at 3C 2.908106e-03 201567_s_at 3C 2.504923e-03 210423_s_at 3C 2.908106e-03 200678_x_at 3C 2.525305e-03 206332_s_at 3C 2.908106e-03 20817_x_at 3C 2.536542e-03 208961_s_at 3C 2.908106e-03 22715_s_at 3C 2.541578e-03 200997_at 3C 2.908106e-03 204072_s_at 3C 2.544005e-03 203020_at 3C 2.916562e-03 223179_at 3C 2.545686e-03 229563_s_at 3C 2.921434e-03 207727_s_at 3C 2.553252e-03 212130_x_at 3C 2.921434e-03 203599_s_at 3C 2.569342e-03 201012_at 3C 2.921434e-03 1552287_s_at 3C 2.569342e-03 225050_at 3C 2.924827e-03 AFFX-HUMGAPDH/ 223763_at 3C 2.934893e-03 218329_at 3C 2.58023e-03 220244_at 3C 2.966345e-03 219023_at 3C 2.58023e-03 226267_at 3C 2.972385e-03 217752_s_at 3C 2.589208e-03 1555419_a_at 3C 3.009974e-03 225264_at 3C 2.604438e-03 220330_s_at 3C 3.019791e-03 222989_s_at 3C 2.611458e-03 220330_s_at 3C 3.019791e-03	_					
201567_s_at 3C						
200678 x at 3C 2.525305e-03 206332 s at 3C 2.908106e-03 200817 x at 3C 2.536542e-03 208961 s at 3C 2.908106e-03 222715 s at 3C 2.541578e-03 200997 at 3C 2.908106e-03 204072 s at 3C 2.544005e-03 203020 at 3C 2.916562e-03 223179 at 3C 2.545686e-03 229563 s at 3C 2.921434e-03 207727 s at 3C 2.553252e-03 212130 x at 3C 2.921434e-03 203599 s at 3C 2.569342e-03 201012 at 3C 2.921434e-03 1552287 s at 3C 2.569342e-03 225050 at 3C 2.924827e-03 AFFX-HUMGAPDH/ 223763 at 3C 2.924827e-03 218329 at 3C 2.58023e-03 203236 s at 3C 2.957243e-03 219023 at 3C 2.58133e-03 220244 at 3C 2.966345e-03 217752 s at 3C 2.589208e-03 1555419 a at 3C 3.009974e-03 225264 at 3C 2.604438e-03 220330 s at 3C 3.019791e-03 222989 s at 3C 2.611458e-03 220330 s at 3C 3.019791e-03	<del></del>					
200817 x at 3C 2.536542e-03 208961 s at 3C 2.908106e-03 222715 s at 3C 2.541578e-03 200997 at 3C 2.908106e-03 204072 s at 3C 2.544005e-03 203020 at 3C 2.916562e-03 223179 at 3C 2.545686e-03 229563 s at 3C 2.921434e-03 207727 s at 3C 2.553252e-03 212130 x at 3C 2.921434e-03 203599 s at 3C 2.569342e-03 201012 at 3C 2.921434e-03 1552287 s at 3C 2.569342e-03 225050 at 3C 2.924827e-03 AFFX-HUMGAPDH/ 223763 at 3C 2.924827e-03 218329 at 3C 2.58023e-03 203236 s at 3C 2.957243e-03 219023 at 3C 2.58133e-03 220244 at 3C 2.966345e-03 217752 s at 3C 2.589208e-03 1555419 a at 3C 3.009974e-03 225264 at 3C 2.604438e-03 227466 at 3C 3.019791e-03 222989 s at 3C 2.611458e-03 220330 s at 3C 3.019791e-03						
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203599 s_at 3C 2.569342e-03 201012 at 3C 2.921434e-03 1552287 s_at 3C 2.569342e-03 225050 at 3C 2.924827e-03 AFFX-HUMGAPDH/ 223763 at 3C 2.934893e-03 203236_s_at 3C 2.957243e-03 218329_at 3C 2.58023e-03 220244_at 3C 2.966345e-03 219023_at 3C 2.58133e-03 226267_at 3C 2.972385e-03 217752_s_at 3C 2.589208e-03 1555419_a_at 3C 3.009974e-03 225264_at 3C 2.604438e-03 227466_at 3C 3.019791e-03 222989_s_at 3C 2.611458e-03 220330_s_at 3C 3.019791e-03						
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208620_at 3C 2.614322e-03 221234_s_at 3C 3.019791e-03						
	208620_at	3C	2.614322e-03	221234_s_at	3C	3.019791e-03

225169 at	3C	3.021312e-03	208624 s at	3C	3.500557e-03
213572 s at	3C	3.062673e-03	225912 at	3C	3.509635e-03
223915 at	3C	3.070588e-03	201281 at	3C	3.512578e-03
201920 at	3C	3.084169e-03	227068 at	3C	3.513644e-03
226026 at	3C	3.084664e-03	202331 at	3C	3.528432e-03
226053 at	3C	3.095813e-03	225051_at	3C	3.532949e-03
$155230\overline{3}$ a at	3C	3.096317e-03	219017 at	3C	3.532949e-03
225618 at	3C	3.099391e-03	210406 s at	3C	3.532949e-03
212718 at	3C	3.099391e-03	204161 s at	3C	3.541209e-03
222436_s_at	3C	3.099391e-03	208523 x at	3C	3.546637e-03
202335 s at	3C	3.099391e-03	224838 at	3C	3.547855e-03
214780_s_at	3C	3.100155e-03	219151 s at	3C	3.547855e-03
203848 at	3C	3.107384e-03	20 <b>4</b> 771 s at	3C	3.566061e-03
238860 at	3C	3.111254e-03	219104 at	3C	3.577032e-03
207618_s_at	3C	3.120499e-03	221156_x_at	3C	3.577584e-03
225827_at	3C	3.126708e-03	222587 s at	3C	3.577584e-03
231736 x at	3C	3.139039e-03	205202 at	3C	3.581248e-03
211982_x_at	3C	3.158977e-03	212268 at	3C	3.593942e-03
200911 s at	3C	3.158977e-03	201559 s at	3C	3.603583e-03
203780 at	3C	3.165571e-03	205452 at	3C	3.608243e-03
226817_at	3C	3.166955e-03	43544 at	3C	3.618607e-03
200742_s_at	3C	3.166955e-03	20377 <del>8</del> at	3C	3.62067e-03
218376_s_at	3C	3.167867e-03	222757 <sup>-</sup> s at	3C	3.62067e-03
203823 at	3C	3.167867e-03	209350_s_at	3C	3.622873e-03
1553538_s_at	3C	3.167867e-03	218422 s at	3C	3.634878e-03
202592_at	3C	3.175179e-03	205745_x_at	3C	3.634878e-03
201470_at	3C	3.184686e-03	208024 s at	3C	3.634878e-03
218150_at	3C	3.203659e-03	201244_s_at	3C	3.634878e-03
212947_at	3C	3.207112e-03	217496_s_at	3C	3.640174e-03
207598_x_at	3C	3.228495e-03	200058_s_at	3C	3.640594e-03
212449_s_at	3C	3.236326e-03	219620_x_at	3C	3.649656e-03
218092_s_at	3C	3.236326e-03	218022_at	3C	3.65016e-03
48531_at	3C	3.237024e-03	200707 <u>a</u> t	3C	3.651568e-03
200714_x_at	3C	3.245415e-03	202480_s_at	3C	3.657792e-03
206643_at	3C	3.26143e-03	218638_s_at	3C	3.666089e-03
203689_s_at	3C	3.262175e-03	241385_at	3C	3.687418e-03
35974_at	3C	3.264366e-03	200096_s_at	3C	3.703314e-03
203408_s_at	3C	3.264366e-03	221866_at	3C	3.70899e-03
207809_s_at 225526 at	3C	3.271543e-03	232899_at	3C	3.712485e-03
<del></del>	3C	3.282004e-03	200032_s_at	3C	3.712485e-03
218771_at 204858 s at	3C 3C	3.282004e-03 3.300914e-03	209281_s_at	3C 3C	3.725022e-03
200811 at	3C	3.305834e-03	212660_at		3.726739e-03
207435 s at	3C	3.314766e-03	21 <b>4</b> 583_at 217719 at	3C 3C	3.733647e-03 3.733647e-03
209498 at	3C	3.316774e-03	204912 at	3C	3.733647e-03
203117_s_at	3C	3.323623e-03	201031 s at	3C	3.733647e-03
203718 at	3C	3.330587e-03	204060 s at	3C	3.75026e-03
202859 x at	3C	3.363852e-03	212415 at	3C	3.757052e-03
229018 at	3C	3.377237e-03	215088 s at	3C	3.757052e-03
200025_s_at	3C	3.384577e-03	1563088_a_at	3C	3.764259e-03
201786 s at	3C	3.384577e-03	201225_s_at	3C	3.764259e-03
219055 at	3C	3.387239e-03	217144 at	3C	3.769607e-03
202130 at	3C	3.394046e-03	200827 at	3C	3.770623e-03
205180 s at	3C	3.40866e-03	223152 at	3C	3.775757e-03
1569257 at	3C	3.40866e-03	208392 x at	3C	3.775757e-03
201236_s_at	3C	3.40866e-03	202671 s at	3C	3.780792e-03
222790_s_at	3C	3.413544e-03	209134 s at	3C	3.786765e-03
222464_s_at	3C	3.413544e-03	206214 at	3C	3.812575e-03
213140_s_at	3C	3.414372e-03	201685_s_at	3C	3.825631e-03
227796_at	3C	3.429401e-03	200936_at	3C	3.825631e-03
223638_at	3C	3.469344e-03	210113_s_at	3C	3.829057e-03
225705_at	3C	3.476627e-03	204881_s_at	3C	3.841116e-03
204604_at	3C	3.476627e-03	212408_at	3C	3.841932e-03
217762_s_at	3C	3.500557e-03	200964_at	3C	3.843294e-03

225835 at	3C	3.848916e-03	225366 at	3C	4.319186e-03
227162 at	3C	3.852878e-03	212315 s at	3C	4.358687e-0.3
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217763_s_at	3C	3.863595e-03	213418_at	3C	4.360259e-03
209018 s at	3C	3.865636e-03	212904 at	3C	4.36301e-03
60528 at	3C	3.87088e-03	1553928 at	3C	4.36301e-03
			_		
201032_at	3C	3.878019e-03	1563674_at	3C	4.365151e-03
244710 at	3C	3.888013e-03	213012 at	3C	4.372808e-03
222175 s at	3C	3.898159e-03	204327 s at	3C	4.379416e-03
206829_x_at	3C	3.902525e-03	203530_s_at	3C	4.391801e-03
205804 s at	3C	3.902525e-03	22 <b>925</b> 3 at	3C	4.408242e-03
217122 s at	3C	3.918615e-03	208809 s at	3C	4.41218e-03
1553693_s_at		3.923263e-03	200942_s_at	3C	4.415312e-03
213566 at	3C	3.925219e-03	227748 at	3C	4.423003e-03
201041_s_at	3C	3.92983e-03	218750 at	3C	4.446114e-03
222199 s at	3C	3.939966e-03			
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204892_x_at	3C	3.939966e-03	202956_at	3C	4.449388e-03
200630 x at	3C	3.939966e-03	206567 s at	3C	4.449388e-03
219966 x at	3C	3.94477e-03	206061 s at	3C	4.449388e-03
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205213_at	3C	3.970085e-03	214421_x_at	3C	4.479025e-03
218709 s at	3C	3.972072e-03	219284 at	3C	4.509518e-03
211100 x at	3C	4.005509e-03	210774 s at	3C	4.509518e-03
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209628_at	3C	4.007339e-03	1559584_a_at	3C	4.558601e-03
223124_s_at	3C	4.011868e-03	226541 at	3C	4.565948e-03
202430 s at	3C	4.011868e-03	209903 s at	3C	4.573899e-03
48612 at	3C	4.030314e-03	227388 at		
			· —	3C	4.586168e-03
201078_at	3C	4.030314e-03	237338_at	3C	4.611386e-03
220079 s at	3C	4.041704e-03	224984 at	3C	4.612313e-03
218929 at	3C	4.041704e-03	209744 x at	3C	4.620646e-03
1554411_at	3C	4.041704e-03	230669_at	3C	4.662779e-03
217499 x at	3C	4.052837e-03	208306 x at	3C	4.662779e-03
218660 at	3C	4.055411e-03	222244 s at	3C	4.688094e-03
211561 x at	3C	4.055411e-03			
			203167_at	3C	4.690373e-03
221430_s_at	3C	4.064572e-03	201311_s_at	3C	4.702239e-03
209165 at	3C	4.065115e-03	204093 at	3C	4.71371e-03
201619 at	3C	4.092211e-03	202874 s at	3C	4.71371e-03
202464_s_at	3C	4.103587e-03	213243_at	3C	4.726282e-03
225848_at	3C	4.104184e-03	208094 s at	3C	4.739907e-03
201587 s at	3C	4.104489e-03	227981 at	3C	4.762498e-03
208771 s at	3C	4.111531e-03	226353 at		
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217994_x_at	3C	4.123955e-03	53720_at	3C	4.766474e-03
217836 s at	3C	4.124152e-03	201331 s at	3C	4.766474e-03
221820 s at	3C	4.137914e-03	219892_at	3C	4.78141e-03
222881 at					
_	3C	4.148452e-03	202158_s_at	3C	4.782408e-03
219667_s_at	3C	4.149922e-03	233589_x_at	3C	4.799338e-03
205174 s at	3C	4.149922e-03	220761_s_at	3C	4.821451e-03
203970 s at	3C	4.162792e-03	202040 s at	3C	4.821451e-03
226640_at	3C	4.180694e-03	208200_at	3C	4.821451e-03
218556_at	3C	4.193206e-03	200593 s at	3C	4.821451e-03
224596 at	3C	4.201868e-03	212391_x_at	3C	4.829496e-03
210076 x at					
<del></del>	3C	4.208582e-03	208692_at	3C	4.829496e-03
218773_s_at	3C	4.217513e-03	222728_s_at	3C	4.842594e-03
215109 at	3C	4.220262e-03	219243 at	3C	4.846631e-03
226099 <u> </u>	3C	4.220391e-03	220566 at	3C	4.848314e-03
207135_at	3C	4.22324e-03	211316_x_at	3C	4.848314e-03
203572_s_at	3C	4.229609e-03	200012 x at	3C	4.848314e-03
224692 at	3C	4.238395e-03	203482_at	3C	4.863043e-03
222613 at					
	3C	4.238395e-03	204020_at	3C	4.864291e-03
228916_at	3C	4.245654e-03	221664_s_at	3C	4.869565e-03
203047 at	3C	4.254203e-03	202122_s_at	3C	4.869903e-03
202582 s at	3C	4.258686e-03	213011 s at	3C	4.877418e-03
1562337_at	3C	4.262319e-03	203725_at	3C	4.883352e-03
224969_at	3C	4.270352e-03	214177_s_at	3C	4.886967e-03
41329 at	3C	4.287785e-03	1556722 <u>a</u> at	3C	4.89017e-03
206440 at	3C	4.305363e-03	228077 at	3C	4.895315e-03
<u>-</u> ac	50		2200,,_ac	50	4.0333136-03

213743 at	3C	4.895315e-03	201965 s at	3C	5.520511e-03
200682_s_at	3C	4.8961e-03	212659 s at	30	5.523347e-03
				3¢	
216041 x at	3C	4.896872e-03	203691 at	3C	5.546564e-03
223175 s at	3C	4.905173e-03	220720 x at	3C	5.564295e-03
204342 at	3C	4.923919e-03	201360 at	3C	5.571971e-03
202730 s at	3C	4.94604e-03	220964 s at	3C	5.572687e-03
213326 at	3C	4.946158e-03	221381 s at	3C	5.582408e-03
217885 at	3C	4.946158e-03	218859_s_at	3C	5.585274e-03
208686 s at	3C	4.955423e-03	223 <b>41</b> 8 x at	3C	5.6173e-03
240027 at	3C	4.9642e-03	209795 at	3C	5.619893e-03
230983 at	3C	4.975896e-03	227625 s at	3C	5.633122e-03
220248 x at	3C	4.989875e-03	228393 s at	3C	5.637519e-03
206371_at	3C	5.006489e-03	222507_s_at	3C	5.643247e-03
221741 s at	3C	5.026284e-03	229305 at	3C	5.650176e-03
205408_at	3C	5.026284e-03	212429_s_at	3C	5.651719e-03
1553269 at	3C	5.062297e-03	205436 s at	3C	5.656455e-03
204554 at	3C	5.067147e-03	224958_at		
				3C	5.666721e-03
214129 at	3C	5.070998e-03	217950 at	3C	5.684951e-03
202534 x at	3C	5.070998e-03	213646 x at	3C	5.708616e-03
226496 at	3C	5.076622e-03	204019 s at	3C	5.736321e-03
61734 at	3C	5.103541e-03	213746 s at	3C	5.737499e-03
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212518_at	3C	5.118549e-03	204670_x_at	3C	5.737499e-03
217978 s at	3C	5.118549e-03	212557 at	3C	5.753274e-03
			_		
218154_at	3C	5.125262e-03	227540_at	3C	5.767802e-03
207782 s at	3C	5.128182e-03	203312 x at	3C	5.767802e-03
221203_s_at					
	3C	5.13632e-03	2013 <b>4</b> 5_s_at	3C	5.767802e-03
219859 at	3C	5.152967e-03	213974 at	3C	5.799827e-03
219392 x at	3C	5.173231e÷03	225228 at		5.813331e-03
			_	3C	
204549 at	3C	5.184351e-03	206688 s at	3C	5.818293e-03
210624_s_at	3C	5.184351e-03	200949 x at	3C	5.824864e-03
220577_at	3C	5.184804e-03	211417 x at	3C	5.843743e-03
204387 x at	3C	5.185893e-03	1553561 at	3C	5.85038e-03
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225737_s_at	3C	5.208082e-03	223303_at	3C	5.852615e-03
201104_x_at	3C	5.208403e-03	242056 at	3C	5.852812e-03
			_		
236267_at	3C	5.209906e-03	33304_at	3C	5.862908e-03
212194 s at	3C	5.238802e-03	203651 at	3C	5.91748e-03
222127 s at	3C	5.239034e-03	208886 at	3C	5.91748e-03
202651_at	3C	5.239034e-03	214091 s at	3C	5.953087e-03
205949_at	3C	5.241265e-03	225281 at	3C	5.96124e-03
206010			_		
206218_at	3C	5.247426e-03	209380_s_at	3C	5.967748e-03
218237 s at	3C	5.257165e-03	207820 at	3C	5.974807e-03
212599 at	3C	5.289514e-03	208684 at		5.976821e-03
			_	3C	
204383 at	3C	5.292067e-03	218754 at	3C	5.986086e-03
218576 s at	3C	5.29901e-03	223256 at	3C	5.986086e-03
	3C		_		
218380_at		5.299527e-03	203182_s_at	3C	5.986086e-03
219734 at	3C	5.329774e-03	211842 s at	3C	6.01978e-03
219731 at	3C	5.364688e-03	229510 at	3C	6.023452e-03
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200977_s_at	3C	5.364688e-03	225753_at	3C	6.032082e-03
205715 at	3C	5.384487e-03	217937 s at	3C	6.058306e-03
_					
203932_at	3C	5.385031e-03	209584_x_at	3C	6.058306e-03
220918 at	3C	5.408996e-03	225562 at	3C	6.073506e-03
227385_at	3C	5.412535e-03	_	3C	
			201153_s_at		6.099279e-03
202236_s_at	3C	5.412535e-03	203656_at	3C	6.113031e-03
210776 x at	3C	5.427751e-03	214112 s at	3C	6.114241e-03
218021_at	3C	5.431426e-03	200781_s_at	3C	6.114241e-03
233341_s_at	3C	5.443115e-03	227075 at	3C	6.127985e-03
		5.443115e-03			
217911_s_at	20	J.4431136=U.5	203241_at	3C	6.127985e-03
000000	3C				
222753 s at	3C 3C	5.443115e-03	223190 s at	3C	6.12836e-03
	3C	5.443115e-03	223190_s_at	3C	6.12836e-03
208929 <u>x</u> at	3C 3C	5.443115e-03 5.444986e-03	231377_at	3C	6.169846e-03
	3C	5.443115e-03			
208929_x_at 212872_s_at	3C 3C 3C	5.443115e-03 5.444986e-03 5.473124e-03	231377_at 54037_at	3C 3C	6.169846e-03 6.174655e-03
208929_x_at 212872_s_at 201422_at	3C 3C 3C 3C	5.443115e-03 5.444986e-03 5.473124e-03 5.473124e-03	231377_at 54037_at 214377_s_at	3C 3C 3C	6.169846e-03 6.174655e-03 6.199844e-03
208929_x_at 212872_s_at 201422_at 219014_at	3C 3C 3C 3C 3C	5.443115e-03 5.444986e-03 5.473124e-03 5.473124e-03 5.487854e-03	231377_at 54037_at 214377_s_at 201558_at	3C 3C 3C 3C	6.169846e-03 6.174655e-03 6.199844e-03 6.225411e-03
208929_x_at 212872_s_at 201422_at 219014_at	3C 3C 3C 3C	5.443115e-03 5.444986e-03 5.473124e-03 5.473124e-03 5.487854e-03	231377_at 54037_at 214377_s_at 201558_at	3C 3C 3C 3C	6.169846e-03 6.174655e-03 6.199844e-03 6.225411e-03
208929_x_at 212872_s_at 201422_at	3C 3C 3C 3C 3C	5.443115e-03 5.444986e-03 5.473124e-03 5.473124e-03	231377_at 54037_at 214377_s_at	3C 3C 3C	6.169846e-03 6.174655e-03 6.199844e-03

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201824 at	3C	6.245744e-03	215245 x at	3C	7.168062e-03
228410 at	3C	6.247668e-03	212039 x at	3C	7.168062e-03
231716 at	3C	6.265485e-03	207624 s at	3C	7.181062e-03
203309 s at	3C	6.29822e-03	201967 at	3C	7.181062e-03
			_		
214298_x_at	3C	6.32897e-03	2027 <b>4</b> 6_at	3C	7.19883e-03
210187 at	3C	6.32897e-03	225291 at	3C	7.202776e-03
202886_s_at	3C	6.32897e-03	214771_x_at	3C	7.202776e-03
218648 at	3C	6.357154e-03	2087 <b>41</b> at	3C	7.202776e-03
201337_s_at	3C	6.379391e-03	210943_s_at	3C	7.233028e-03
213538 at	3C	6.385882e-03	221264 s at	3C	7.239116e-03
208052 x at	3C	6.398047e-03	228446 at	3C	7.242239e-03
			<b>—</b>		
224866 at	3C	6.424518e-03	225994 at	3C	7.243468e-03
210162 s at	3C	6.426373e-03	230619 at	3C	7.245961e-03
222590_s_at	3C	6.446753e-03	207700 s at	3C	7.2917e-03
217748 at	3C	6.452432e-03	218662 s at	3C	7.315094e-03
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223387_at	3C	6.453849e-03	200859_x_at	3C	7.320574e-03
222895 s at	3C	6.466486e-03	220319_s_at	3C	7.323526e-03
206704_at	3C	6.478947e-03	218052_s_at	3C	7.358954e-03
217908 s at	3C	6.494512e-03	226122 at	3C	7.368295e-03
204034 at	3C	6.494512e-03	217913 at	3C	7.372494e-03
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208631_s_at	3C	6.52576e-03	205732_s_at	3C	7.376218e-03
202076 at	3C	6.547021e-03	202140 s at	3C	7.378662e-03
208909 at	3C	6.568883e-03	225498 at	3C	7.385958e-03
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208779_x_at	3C	6.568892e-03	231252_at	3C	7.409842e-03
213480 at	3C	6.576687e-03	206150 at	3C	7.434438e-03
202419 at	3C	6.584789e-03	201302 at	3C	7.442794e-03
207438_s_at	3C	6.617791e-03	2279 <b>4</b> 2_s_at	3C	7.449067e-03
224990 at	3C	6.63732e-03	209342 s at	3C	7.464746e-03
224480 s at	3C	6.643772e-03	218362 s at	3C	7.479984e-03
223068_at	3C	6.654249e-03	207391_s_at	3C	7.490412e-03
227485 at	3C	6.660119e-03	211783 s at	3C	7.507103e-03
211928 at	3C	6.716299e-03	221039 s at		
				3C	7.510898e-03
225071 at	3C	6.71636e-03	228291 s at	3C	7.522184e-03
214531 s at	3C	6.7204e-03	211927 x at	3C	7.522184e-03
	3C				
227693_at		6.724561e-03	201591_s_at	3C	7.522184e-03
205178 s at	3C	6.725276e-03	226330 s at	3C	7.529728e-03
209344 at	3C	6.732151e-03	213073 at	3C	7.529728e-03
223060_at	3C	6.787672e-03	200062 <u>s</u> at	3C	7.529728e-03
205718 at	3C	6.803869e-03	203136 at	3C	7.534025e-03
217810 x at	3C	6.808959e-03	212594 at	3C	7.620957e-03
203435_s_at	3C	6.829224e-03	217902_s_at	3C	7.626049e-03
221601_s_at	3C	6.829224e-03	210396 s at	3C	7.62691e-03
222721 at	3C	6.84544e-03	207969 x at	3C	7.630853e-03
221821_s_at	3C	6.856306e-03	1564053_a_at	3C	7.631493e-03
233970 s at	3C	6.863824e-03	212055 at	3C	7.668273e-03
222462 s at	3C	6.916879e-03	223434 at	3C	7.680539e-03
225610_at	3C	6.92511e-03	208351_s_at	3C	7.680539e-03
219282 s at	3C	6.92511e-03	209367 at	3C	7.698491e-03
202487 s at	3C	6.92511e-03	201135 at	3C	7.707907e-03
242807_at	3C	6.932673e-03	201853_s_at	3C	7.741985e-03
225205 at	3C	6.940509e-03	201312_s_at	3C	7.753406e-03
204882 at	3C	6.953964e-03	208763_s_at	3C	7.805975e-03
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215338_s_at	3C	6.997348e-03	201154_x_at	3C	7.805975e-03
223454 at	3C	7.03782e-03	209282 at	3C	7.816075e-03
202446 s at	3C	7.03782e-03	218520 at	3C	7.847678e-03
207205_at	3C	7.053448e-03	1552463_at	3C	7.862796e-03
207654 x at	3C	7.053448e-03	225984 at	3C	7.867035e-03
213988 s at	3C	7.06311e-03	225629 s at	3C	7.867035e-03
1559964_at	3C	7.078481e-03	224833_at	3C	7.867035e-03
215629 s at	3C	7.09905e-03	203085 s at	3C	7.874894e-03
203547 at	3C	7.09905e-03	202665_s_at	3C	7.886199e-03
218807_at	3C	7.107909e-03	207765_s_at	3C	7.909036e-03
209044 x at	3C	7.117075e-03	201899 s at	3C	7.910521e-03
213775 x at	3C	7.168062e-03	208887 at	3C	7.916934e-03

200788_s_at	3C	7.916934e-03	220597_s_at	3C	8.863075e-03
201479 at	3C	7.916934e-03	210980 s at	3C	8.868466e-03
208997_s_at	3C	7.924662e-03	213173 at	3C	
200997_S_at					8.87052e-03
218111_s_at	3C	7.931696e-03	210538_s_at	3C	8.896124e-03
1558956 s at	3C	7.951513e-03	212467 at	3C	8.937242e-03
224560 at	3C	7.973568e-03	222490 at	3C	8.947531e-03
			_		
225367_at	3C	7.985154e-03	204169_at	3C	8.97053e-03
$218871 \times at$	3C	7.985154e-03	202259 s at	3C	8.975226e-03
1559050 at	3C	8.001419e-03	213064 at	3C	8.989442e-03
			203026 at		
236007_at	3C	8.019198e-03		3C	9.001369e-03
209265_s_at	3C	8.019198e-03	38398_at	3C	9.004685e-03
200898 s_at	3C	8.019198e-03	227951_s_at	3C	9.00602e-03
205480 s at	3C	8.06194e-03	202100 at	3C	9.00602e-03
<del></del>			<del></del>		
209765_at	3C	8.092237e-03	201384_s_at	3C	9.00602e-03
238148_s_at	3C	8.111429e-03	203674_at	3C	9.021706e-03
224814 at	3C	8.123717e-03	225844 at	3C	9.044648e-03
1557067 s at	3C	8.13354e-03	239283 at	3C	9.052037e-03
205198_s_at	3C	8.187071e-03	218571_s_at	3C	9.053538e-03
1554545 at	3C	8.194949e-03	211073 x at	3C	9.053538e-03
202566 s at	3C	8.197688e-03	222858 s at	3C	9.075593e-03
		8.200116e-03			
204789_at	3C		219172_at	3C	9.143897e-03
238851_at	3C	8.212248e-03	235626_at	3C	9.151374e-03
225081 s at	3C	8.230928e-03	204897 at	3C	9.154946e-03
205859 at	3C	8.25194e-03	217806_s_at	3C	9.170874e-03
212430_at	3C	8.256865e-03	201929_s_at	3C	9.19419e-03
1552264_a_at	3C	8.271564e-03	220005_at	3C -	9.215036e-03
213741 s at	3C	8.308329e-03	223168 at	3C	9.228515e-03
204214 s at	3C	8.38294e-03	225604 s at	3C	9.234385e-03
234423_x_at	3C	8.390616e-03	201715_s_at	3C	9.234385e-03
216306_x_at	3C	8.393084e-03	2087 <b>61</b> s at	3C	9.258057e-03
1552772 at	3C	8.393084e-03	1558014 s at	3C	9.258057e-03
201385 at	3C	8.393084e-03	45653 at	3C	9.283544e-03
<del>-</del>					
208759_at	3C	8.40279e-03	225278_at	3C	9.297633e-03
202279 at	3C	8.409934e-03	203882 at	3C	9.322064e-03
202004 x at	3C	8.411438e-03	203556 at	3C	9.365183e-03
210417 s at	3C	8.42595e-03	202524 s at	3C	9.367497e-03
203286_at	3C	8.42927e-03	218448_at	3C	9.369194e-03
200965 s at	3C	8.433122e-03	210449_x_at	3C	9.404953e-03
217478_s_at	3C	8.442561e-03	205590 at	3C	9.41656e-03
203788 s at	3C	8.46175e-03	212807 s at	3C	9.433854e-03
212061_at	3C	8.479449e-03	221505_at	3C	9.442008e-03
221891 x at	3C	8.496451e-03	212959 s at	3C	9.446234e-03
234140_s_at	3C	8.51575e-03	201772_at	3C	9.455008e-03
223297 at	3C	8.53248e-03	205633 s at	3C	9.45959e-03
205988_at	3C	8.53248e-03	218904_s_at	3C	9.483571e-03
223084 s at	3C	8.539355e-03	221214 s at	3C	9.50139e-03
229743 at	3C	8.539804e-03	203043 at	3C	9.516502e-03
218249 at	3C	8.554503e-03	219821_s_at	3C	9.519634e-03
200632_s_at	3C	8.559699e-03	217807_s_at	3C	9.537681e-03
205798 at	3C	8.579701e-03	233049 x at	3C	9.544597e-03
206621 s at	3C	8.586785e-03	201500 s at	3C	9.547318e-03
218364_at	3C	8.593392e-03	204159_at	3C	9.55968e-03
205034_at	3C	8.596849e-03	209511_at	3C	9.623519e-03
212316 at	3C	8.607059e-03	221558 s at	3C	9.645977e-03
226529 at	3C	8.622358e-03	205739 x at	3C	9.646657e-03
211824_x_at	3C	8.637514e-03	222235_s_at	3C	9.664623e-03
228092_at	3C	8.663686e-03	202801_at	3C	9.67474e-03
217826 s at	3C	8.663686e-03	233575 s at	3C	9.689674e-03
200602 at	3C	8.663686e-03	218809 at	3C	9.712238e-03
			_	-	
210681_s_at	3C	8.689433e-03	211548_s_at	3C	9.733372e-03
201254_x_at	3C	8.723931e-03	219938_s_at	3C	9.743282e-03
204588 s at	3C	8.746406e-03	218913 s at	3C	9.756064e-03
			220947 s at		
208137_x_at	3C	8.784589e-03		3C	9.818035e-03
218831_s_at	3C	8.863075e-03	203791_at	3C	9.833434e-03

210645	20	0.0224246-02	200527 -+	30	0 01
210645_s_at		9.833434e-03	209537_at		0.01
1554021_a_at	3C	9.833434e-03	226968_at	3C	0.01
218548_x_at	3C	9.83414e-03 9.848855e-03	205267_at		0.01
218223 s at	3C	9.848855e-03	202199 <u>s</u> at	3C	0.01
203269 at		9.848855e-03	212697 at		0.01
219528 s at		9.878991e-03	239660 at		
		9.676991e-03			0.01
202207_at	3C	9.88233e-03	219256_s_at		0.01
1562619_at 213322_at	3C	9.893793e-03 9.944842e-03	202985 s at	3C	0.01
213322 at	3C	9.944842e-03	44702 at	3C	0.01
212485_at	3C	9.947532e-03	$20226\overline{3}$ at	3C	0.01
225969 at	3.0	9.948041e-03	217934 x at		0.01
21/825_s_at	30	9.949451e-03 9.973017e-03	214339_s_at		0.01
225819_at	3C	9.973017e-03	218478_s_at		0.01
206522 at	3C	9.973017e-03	201722 s at	3C	0.01
201746 at	3C	9.973017e-03	1563641 a at	3C	0.01
201739 at	3C	9.973017e-03	219657 s at		0.01
225045 at	30	9 977710-03	205000 at		0.01
223043_at	30	9.97771e-03	205000_at 203710_at		
225//1_at	3C	0.01	203/10_at		0.01
209273_s_at	3C	0.01	228139_at		0.01
202230 s at	3C	0.01	208677 s at	3C	0.01
208843 s at	3C	0.01	200800 s at		0.01
214855 s at	3C	0 01	202771 at		0.01
27425 ~ 2+	30	0.01	1569679 at		0.01
3/425_g_ac	30	0.01	13090/9_at		
204820_s_at	3C	0.01	208895_s_at		0.01
209363_s_at	3C	0.01	211136_s_at	3C	0.01
221080 s at	3C	0.01	218627 at	3C	0.01
214937 x at	3C	0.01	218627_at 33646_g_at	3C	0.01
207713 s at	30	0.01	219889_at	30	0.01
40225 25	30	0.01	224733_at	30	
40225_at	30	0.01	224733_ac		0.01
1552520_at	30	0.01	214578_s_at		0.01
224837_at	3C	0.01	204487_s_at		0.01
203457 at	3C	0.01	2033 <b>64</b> s at	3C	0.01
$1553186 \times at$	3C	9.973017e-03 9.973017e-03 9.973017e-03 9.97771e-03 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.	225196 s at	3C	0.01
219774 at	3C	0 - 01	211372_s_at		0.01
217906 2+	30	0.01	214752 x at		0.01
217900_at	30	0.01	214/J2_X_aL		
2051/0_at	30	0.01	205114_s_at		0.01
32541_at	3C	0.01	205401_at		0.01
206385_s_at	3C	0.01	202683_s_at	3C	0.01
205383 s at	3C	0.01	2185 <b>4</b> 0 at	3C	0.01
207992 s at	3C	0.01	155903 <mark>4</mark> _at	3C	0.01
209188 v at	30	0.01	202374 s at	3C	
203100_x_ac	30	0.01	202374_5_at		
203909_at	30	0.01	200063_s_at	3C	0.01
224044_at	3C	0.01	218999_at	3C	0.01
225019_at	3C	0.01	206050_s_at	3C	0.01
227131 at	3C	0.01	204777 s at	3C	0.01
210140 at	3C	0.01	224690 at	3C	0.01
201692 at	3C	0.01	217943 s at	3C	0.01
212943 at	3C	0.01	203921 at	3C	0.01
201163_s_at	3C	0.01	201604_s_at	3C	0.01
	3C	0.01	2093 <b>45</b> _s_at	3C	0.01
218673 s at	3C	0.01	212066 s at	3C	0.01
218812 s at	3C	0.01	205538 at	3C	0.01
215933 s at	3C	0.01	226120 at	3C	0.01
213373 s at	3C	0.01	219551 at	3C	0.01
212930_at	3C	0.01	213504_at	3C	0.01
228285_at	3C	0.01	206342_x_at	3C	0.01
226219_at	3C	0.01	1556059_s_at	3C	0.01
1569349 at	3C	0.01	211760 s at	3C	0.01
218055 s at		0.01	221478 at	3C	0.01
213588 x at	3C	0.01	209899 s at	3C	0.01
47069_at	3C	0.01	226071_at	3C	0.01
217962_at	3C	0.01	211948_x_at	3C	0.01
219599_at	3C	0.01	218145_at	3C	0.01
229113 s at	3C	0.01	213353 at	3C	0.01
<b>-</b> -			_		

004011	~~		000040		
224311_s_at	3C	0.01	208949_s_at	3C	0.01
218016_s_at	3C	0.01	208503_s_at	3C	0.01
	3C	0.01	225647 s at	3C	0.01
204949 at	3C	0.01			
204849_at			214054_at	3C	0.01
	3C	0.01	202083 <u>s_</u> at	3C	0.01
205547 s at	3C	0.01	200011_s_at	3C	0.01
207490 at	30	0.01	225738_at	3C	0.01
207490_at 223009 at	20		223730_at		
223009_at	30	0.01	219228_at 38447_at	3C	0.01
203206_at		0.01	38447_at	3C	0.01
55093 at	3C	0.01	210438 x at	3C	0.01
221604  s at		0.01	201191 at	3C	0.01
21004_5_40					
218806_s_at	3C	0.01	53202_at	3C	0.01
204215_at	3C	0.01	223301_s_at	3C	0.01
225246 at	3C	0.01	211710_x_at	3C	0.01
220990 s at		0.01	202227 s at	3C	0.01
200730_s_at	30	0.01	226599_at		0.01
212139_at	3C	0.01	200920 <u>_</u> s_at	3C	0.01
212139_at 225717_at	3C	0.01	1553575 at	3C	0.01
204212 at	3C	0.01	1552667 a at		
		0.01			
206548_at	30		217526_at	3C	0.01
225198_at 209250_at	3C	0.01	227430_at 224600_at 212774_at	3C	
209250 at	3C	0.01	22 <b>4600</b> at	3C	0.01
204171 at	3C	0.01	212774 at	3C	0.01
223078 s at		0.01	201368_at	3C	0.01
208694_at	3C	0.01	213526_s_at		0.01
223743_s_at	3C	0.01	203041_s_at	3C	0.01
223033 s at	3C	0.01	204407 at	3C	0.01
212752 at		0.01	23392 <b>4</b> _s_at		
202181_at		0.01			
202101_at	30		64899_at	3C	0.01
218217_at 229903_x_at	3C	0.01	201241_at	3C	0.01
229903_x_at	3C	0.01	205033 s at	3C	0.01
209331 s at		0.01	203445_s_at	3C	0.01
211307 s at		0.01	205684 s at	3C	0.01
		0.01			
1552316_a_at			225764_at	3C	0.01
209026_x_at		0.01	207719_x_at	3C	0.01
210992_x_at	3C -	0.01	218285 s at	3C	0.01
211863 x at	3C	0.01	226041 at	3C	0.01
1555947_at		0.01	217106 x at	3C	0.01
215236 s at	3C	0.01			
			202832_at		0.01
	3C	0.01	208308_s_at	3C	0.01
208459_s_at	3C	0.01	212646_at	3C	0.01
205416_s_at	3C	0.01	207079 <u>s</u> at	3C	0.01
39248 at	3C	0.01	200862 at	3C	0.01
205788 s at	3C	0.01	213557 at	3C	0.01
200000_s_at	3C	0.01	207842_s_at	3C	0.01
213795_s_at	3C	0.01	20067 <b>4</b> _s_at	3C	0.01
204949_at	3C	0.01	219066 at	3C	0.01
155491 <del>5</del> a at	3C	0.01	22687 <b>4</b> at	3C	0.01
203353 s at	3C	0.01	214422_at	3C	0.01
224820_at	3C	0.01	228617_at	3C	0.01
219363 <u>s</u> at	3C	0.01	221704_s_at	3C	0.01
225612 s at	3C	0.01	202872 at	3C	0.01
202896 s at	3C	0.01	232149 s at	3C	0.01
204445 s at	3C	0.01			
			218998_at	3C	0.01
201223_s_at	3C	0.01	223269_at	3C	0.01
1552798_a_at	3C	0.01	218508_at	3C	0.01
225177 at	3C	0.01	224884 at	3C	0.01
218057 x at	3C	0.01	225507 at	3C	0.01
205566_at	3C	0.01	218490_s_at	3C	0.01
217297_s_at	3C	0.01	222428 s at	3C	0.01
204099_at	3C	0.01	203914 x at	3C	0.01
202277 at	3C	0.01	201298 s at	3C	0.01
212355 at	3C	0.01	203055 s at	3C	0.01
201803_at	3C	0.01	200940_s_at	3C	0.01

228648 at 3C   0.01   209287 s at 3C   0.01   200316 at 3C   0.01   200318 s at 3C   0.01   219283 at 3C   0.01   200515 x at 3C   0.01   1555643 s at 3C   0.01   1555643 s at 3C   0.01   200554 at 3C   0.01   200555 at 3C   0.01	228648 at	3C	0.01	209287_s_at	3C	0.01
220173 at 3C	218396 at	3C				
220173 at 3C	200916 at	3C		231948 s at	3C	0.01
200018 at	220173 at	3C		48808 at	3C	
218942_at 3C 0.01						
1555780	218942 at	3C				
1555780	200712 s at	3C		202015 x at		
2005054   at						
212413 at 3C 0.01						
221952 x at   3C   0.01   203501 at   3C   0.01   201193 at   3C   0.01   203501 at   3C   0.01   227523 s at   3C   0.01   228813 at   3C   0.01   221902 s at   3C   0.01   217940 s at   3C   0.01   1555797 a at   3C   0.01   202208 s at   3C   0.01   1555797 a at   3C   0.01   202208 s at   3C   0.01   205475 at   3C   0.01   205478 at   3C   0.01   205567 at   3C   0.01   207556 s at   3C   0.01   2015751 at   3C   0.01   2015751 at   3C   0.01   2015756 at   3C   0.01   2015756 at   3C   0.01   201575 at   3C   0.01   202550 s at   3C	212413 at	3C	0.01			
201193	221952 x at	3C	0.01			
34031_i_at 3C	201193_at	3C	0.01	203501 at	3C	0.01
34031_i_at 3C	227523_s_at	3C	0.01	228813 at	3C	0.01
221002 s at 3C 0.01 20298 s at 3C 0.01 202963_at 3C 0.01 209475_at 3C 0.01 225314_at 3C 0.01 205640_at 3C 0.01 225314_at 3C 0.01 203292_at 3C 0.01 225390_s at 3C 0.01 203329_at 3C 0.01 225390_s at 3C 0.01 209337_at 3C 0.01 20981_x_at 3C 0.01 209337_at 3C 0.01 20981_x_at 3C 0.01 205781_at 3C 0.01 2057565_at 3C 0.01 205756_s at 3C 0.01 203776_at 3C 0.01 218050_at 3C 0.01 218050_at 3C 0.01 218050_at 3C 0.01 218050_at 3C 0.01 2180637_x_at 3C 0.01 212469_at 3C 0.01 212517_at 3C 0.01 2125631_s_at 3C 0.01 212563_s_at 3C 0.01 200909_s_at 3C 0.01 212563_s_at 3C 0.01 200909_s_at 3C 0.01 202550_s_at 3C 0.01 20559_s_at 3C 0.01 20559_s_	34031_i_at	3C	0.01	217940 s at	3C	0.01
209475_at         3C         0.01         225314_at         3C         0.01           205640_at         3C         0.01         224418_xat         3C         0.01           202329_at         3C         0.01         225390_sat         3C         0.01           205781_at         3C         0.01         225783_at         3C         0.01           205781_at         3C         0.01         209201_xat         3C         0.01           52164_at         3C         0.01         209201_xat         3C         0.01           225637_at         3C         0.01         221851_at         3C         0.01           225637_at         3C         0.01         227556_sat         3C         0.01           220122_at         3C         0.01         207556_sat         3C         0.01           220376_at         3C         0.01         218101_sat         3C         0.01           200821_at         3C         0.01         218050_at         3C         0.01           207576_at         3C         0.01         218050_at         3C         0.01           208637_xat         3C         0.01         212669_at         3C         0.01 </td <td>221002_s_at</td> <td>3C</td> <td>0.01</td> <td></td> <td></td> <td></td>	221002_s_at	3C	0.01			
2094/5_at 3C 0.01	1555797_a_at	3C				
202329_at 3C 0.01	209475_at	3C	0.01	225314_at	3C	0.01
209337_at         3C         0.01         202981_xat         3C         0.01           205781_at         3C         0.01         225783_at         3C         0.01           52164_at         3C         0.01         209201_xat         3C         0.01           1558549_sat         3C         0.01         210742_at         3C         0.01           225637_at         3C         0.01         2017556_sat         3C         0.01           220122_at         3C         0.01         201751_at         3C         0.01           203779_sat         3C         0.01         218101_sat         3C         0.01           207576_at         3C         0.01         218070_sat         3C         0.01           207776_at         3C         0.01         218070_sat         3C         0.01           207776_at         3C         0.01         218050_at         3C         0.01           208637_xat         3C         0.01         202550_sat         3C         0.01           208637_xat         3C         0.01         202550_sat         3C         0.01           20896_at         3C         0.01         204599_sat         3C         0.01						
1558549_s_at 3C	202329_at	3C				
1558549_s_at 3C	209337_at	3C				
1558549_s_at 3C	205781_at	3C		225783_at	3C	0.01
225637_at         3C         0.01         221851_at         3C         0.01           220122_at         3C         0.01         207556_s_at         3C         0.01           203579_s_at         3C         0.01         201751_at         3C         0.01           203776_at         3C         0.01         218101_s_at         3C         0.01           200821_at         3C         0.01         218050_at         3C         0.01           215631_s_at         3C         0.01         212469_at         3C         0.01           208637_x_at         3C         0.01         202550_s_at         3C         0.01           225117_at         3C         0.01         202550_s_at         3C         0.01           225117_at         3C         0.01         204599_s_at         3C         0.01           208099_s_at         3C         0.01         204599_s_at         3C         0.01           218746_at         3C         0.01         207691_x_at         3C         0.01           218746_at         3C         0.01         225573_at         3C         0.01           222923_s_at         3C         0.01         223375_s_at         3C         <	52164_at	3C		209201_x_at	3C	0.01
213046_at						
213046_at 3C 0.01	225637_at					
203779 s_at         3C         0.01         218101 s_at         3C         0.01           203776_at         3C         0.01         219070 s_at         3C         0.01           200821_at         3C         0.01         2128050 s_at         3C         0.01           215631_s_at         3C         0.01         202550 s_at         3C         0.01           225117_at         3C         0.01         202550 s_at         3C         0.01           209909_s_at         3C         0.01         204599_s_at         3C         0.01           208896_at         3C         0.01         207691_x_at         3C         0.01           218746_at         3C         0.01         35820_at         3C         0.01           218746_at         3C         0.01         225573_at         3C         0.01           222923_s_at         3C         0.01         223753_at         3C         0.01           22136_at         3C         0.01         203375_s_at         3C         0.01           225573_at         3C         0.01         203375_s_at         3C         0.01           235234_at         3C         0.01         203466_s_at         3C	213046_at	3C		207556_s_at	3C	0.01
203776 at         3C         0.01         219070 s at         3C         0.01           200821 at         3C         0.01         218050 at         3C         0.01           215631 s at         3C         0.01         202550 s at         3C         0.01           208637 x at         3C         0.01         202550 s at         3C         0.01           225117 at         3C         0.01         204599 s at         3C         0.01           200909 s at         3C         0.01         204599 s at         3C         0.01           208896 at         3C         0.01         207691 x at         3C         0.01           21166 s at         3C         0.01         219994 at         3C         0.01           222923 s at         3C         0.01         225573 at         3C         0.01           222923 s at         3C         0.01         203375 s at         3C         0.01           22136 at         3C         0.01         203375 s at         3C         0.01           235234 at         3C         0.01         203860 s at         3C         0.01           217754 at         3C         0.01         203860 s at         3C	220122_at	3C	0.01	201751 at	3C	0.01
200821_at         3C         0.01         218050_at         3C         0.01           215631_s_at         3C         0.01         212469_at         3C         0.01           208637_x_at         3C         0.01         202550_s_at         3C         0.01           209099_s_at         3C         0.01         204599_s_at         3C         0.01           200909_s_at         3C         0.01         204599_s_at         3C         0.01           20166_s_at         3C         0.01         207691_x_at         3C         0.01           218746_at         3C         0.01         219994_at         3C         0.01           222923_s_at         3C         0.01         225573_at         3C         0.01           222923_s_at         3C         0.01         223375_s_at         3C         0.01           223573_at         3C         0.01         203375_s_at         3C         0.01           235234_at         3C         0.01         2033987_at         3C         0.01           201339_s_at         3C         0.01         208360_s_at         3C         0.01           204894_s_at         3C         0.01         208363_s_at         3C						
208637 x at         3C         0.01         20550_s at         3C         0.01           225117 at         3C         0.01         212513_s at         3C         0.01           200909_s at         3C         0.01         204599_s at         3C         0.01           208896_at         3C         0.01         207691_x at         3C         0.01           201166_s at         3C         0.01         21999_d at         3C         0.01           222923_s at         3C         0.01         225573_at         3C         0.01           202136_at         3C         0.01         203375_s at         3C         0.01           205573_at         3C         0.01         203375_s at         3C         0.01           205599_at         3C         0.01         203987_at         3C         0.01           203509_at         3C         0.01         203860_s at         3C         0.01           203599_at         3C         0.01         203866_s at         3C         0.01           204894_s at         3C         0.01         203169_at         3C         0.01           2074894_s at         3C         0.01         203853_s at         3C						
208637 x at         3C         0.01         20550_s at         3C         0.01           225117 at         3C         0.01         212513_s at         3C         0.01           200909_s at         3C         0.01         204599_s at         3C         0.01           208896_at         3C         0.01         207691_x at         3C         0.01           201166_s at         3C         0.01         21999_d at         3C         0.01           222923_s at         3C         0.01         225573_at         3C         0.01           202136_at         3C         0.01         203375_s at         3C         0.01           205573_at         3C         0.01         203375_s at         3C         0.01           205599_at         3C         0.01         203987_at         3C         0.01           203509_at         3C         0.01         203860_s at         3C         0.01           203599_at         3C         0.01         203866_s at         3C         0.01           204894_s at         3C         0.01         203169_at         3C         0.01           2074894_s at         3C         0.01         203853_s at         3C	200821_at	3C		218050_at	3C	
225117_at	215631_s_at	3C		212469_at	3C	0.01
200909_s_at       3C       0.01       204599_s_at       3C       0.01         201166_s_at       3C       0.01       35820_at       3C       0.01         218746_at       3C       0.01       219994_at       3C       0.01         222923_s_at       3C       0.01       225573_at       3C       0.01         202136_at       3C       0.01       203375_s_at       3C       0.01         235234_at       3C       0.01       203987_at       3C       0.01         203509_at       3C       0.01       208360_s_at       3C       0.01         203599_at       3C       0.01       208360_s_at       3C       0.01         203599_at       3C       0.01       208360_s_at       3C       0.01         201339_s_at       3C       0.01       208360_s_at       3C       0.01         204894_s_at       3C       0.01       205169_at       3C       0.01         217754_at       3C       0.01       203853_s_at       3C       0.01         221918_at       3C       0.01       203853_s_at       3C       0.01         221923_s_at       3C       0.01       224481_s_at       3C				202550_s_at	3C	0.01
208896_at       3C       0.01       207691_x_at       3C       0.01         201166_s_at       3C       0.01       35820_at       3C       0.01         218746_at       3C       0.01       219994_at       3C       0.01         222923_s_at       3C       0.01       225573_at       3C       0.01         202136_at       3C       0.01       203375_s_at       3C       0.01         255234_at       3C       0.01       203987_at       3C       0.01         203509_at       3C       0.01       203987_at       3C       0.01         203599_at       3C       0.01       203987_at       3C       0.01         201339_s_at       3C       0.01       203986_s_at       3C       0.01         204894_s_at       3C       0.01       205169_at       3C       0.01         217754_at       3C       0.01       203853_s_at       3C       0.01         221918_at       3C       0.01       203853_s_at       3C       0.01         221918_at       3C       0.01       204481_s_at       3C       0.01         201482_at       3C       0.01       215596_s_at       3C       0.0						
218746_at       3C       0.01       219994_at       3C       0.01         222923_s_at       3C       0.01       225573_at       3C       0.01         202136_at       3C       0.01       203375_s_at       3C       0.01         1557620_aat       3C       0.01       212144_at       3C       0.01         235234_at       3C       0.01       203987_at       3C       0.01         203509_at       3C       0.01       208360_s_at       3C       0.01         211339_s_at       3C       0.01       200013_at       3C       0.01         211339_s_at       3C       0.01       205169_at       3C       0.01         217754_at       3C       0.01       203853_s_at       3C       0.01         21978_at       3C       0.01       203853_s_at       3C       0.01         221918_at       3C       0.01       209002_s_at       3C       0.01         203708_at       3C       0.01       224481_s_at       3C       0.01         201482_at       3C       0.01       215596_s_at       3C       0.01         204482_s_at       3C       0.01       22641_s_at       3C	200909_s_at	3C				
218746_at       3C       0.01       219994_at       3C       0.01         222923_s_at       3C       0.01       225573_at       3C       0.01         202136_at       3C       0.01       203375_s_at       3C       0.01         1557620_aat       3C       0.01       212144_at       3C       0.01         235234_at       3C       0.01       203987_at       3C       0.01         203509_at       3C       0.01       208360_s_at       3C       0.01         211339_s_at       3C       0.01       200013_at       3C       0.01         211339_s_at       3C       0.01       205169_at       3C       0.01         217754_at       3C       0.01       203853_s_at       3C       0.01         21918_at       3C       0.01       203853_s_at       3C       0.01         221918_at       3C       0.01       209002_s_at       3C       0.01         203708_at       3C       0.01       224481_s_at       3C       0.01         201482_at       3C       0.01       215596_s_at       3C       0.01         204482_s_at       3C       0.01       22641_s_at       3C	208896_at	30		207691_x_at	3C	0.01
222923_s_at       3C       0.01       225573_at       3C       0.01         202136_at       3C       0.01       203375_s_at       3C       0.01         1557620_a_at       3C       0.01       212144_at       3C       0.01         235234_at       3C       0.01       203987_at       3C       0.01         20359_at       3C       0.01       203860_s_at       3C       0.01         211339_s_at       3C       0.01       200013_at       3C       0.01         204894_s_at       3C       0.01       203853_s_at       3C       0.01         217754_at       3C       0.01       203853_s_at       3C       0.01         229308_s_at       3C       0.01       203853_s_at       3C       0.01         221918_at       3C       0.01       203853_s_at       3C       0.01         221918_at       3C       0.01       229002_s_at       3C       0.01         201482_at       3C       0.01       224481_s_at       3C       0.01         201482_s_at       3C       0.01       20557_s_at       3C       0.01         224482_s_at       3C       0.01       20787_s_at       3C	201166_s_at	30		35820_at	3C	
202136_at       3C       0.01       203375_s_at       3C       0.01         1557620_a_at       3C       0.01       212144_at       3C       0.01         235234_at       3C       0.01       203987_at       3C       0.01         203509_at       3C       0.01       208360_s_at       3C       0.01         211339_s_at       3C       0.01       20013_at       3C       0.01         204894_s_at       3C       0.01       205169_at       3C       0.01         2079308_s_at       3C       0.01       203853_s_at       3C       0.01         209308_s_at       3C       0.01       203853_s_at       3C       0.01         221918_at       3C       0.01       209002_s_at       3C       0.01         223708_at       3C       0.01       224481_s_at       3C       0.01         201482_at       3C       0.01       215596_s_at       3C       0.01         224482_s_at       3C       0.01       22641_s_at       3C       0.01         224482_s_at       3C       0.01       22782_s_at       3C       0.01         224902_at       3C       0.01       208647_at       3C						
1557620_a_at 3C 0.01						
235234_at 3C 0.01 203509_at 3C 0.01 211339_s_at 3C 0.01 204894_s_at 3C 0.01 207754_at 3C 0.01 209308_s_at 3C 0.01 212138_at 3C 0.01 221918_at 3C 0.01 209002_s_at 3C 0.01 203708_at 3C 0.01 210213_s_at 3C 0.01 210213_s_at 3C 0.01 215596_s_at 3C 0.01 215596_s_at 3C 0.01 224481_s_at 3C 0.01 215596_s_at 3C 0.01 224482_s_at 3C 0.01 224902_at 3C 0.01 224902_at 3C 0.01 224902_at 3C 0.01 224002_s_at 3C 0.01 224002_at 3C 0.01 224002_s_at 3C 0.01 225090_s_at 3C 0.01 206662_s_at 3C 0.01 207980_s_at 3C 0.01 218735_s_at 3C 0.01 212931_at 3C 0.01 208662_s_at 3C 0.01 203239_s_at 3C 0.01 224760_at 3C 0.01 225090_at 3C 0.01 226915_at 3C 0.01 226937_at 3C 0.01 226937_s_at 3C 0.01 226637_at 3C 0.01						
203509_at       3C       0.01       208360_s_at       3C       0.01         211339_s_at       3C       0.01       200013_at       3C       0.01         204894_s_at       3C       0.01       205169_at       3C       0.01         217754_at       3C       0.01       203853_s_at       3C       0.01         209308_s_at       3C       0.01       20902_s_at       3C       0.01         221918_at       3C       0.01       20902_s_at       3C       0.01         203708_at       3C       0.01       224481_s_at       3C       0.01         210213_s_at       3C       0.01       215596_s_at       3C       0.01         201482_at       3C       0.01       215596_s_at       3C       0.01         224482_s_at       3C       0.01       222641_s_at       3C       0.01         224902_at       3C       0.01       217828_at       3C       0.01         224902_at       3C       0.01       208647_at       3C       0.01         224902_at       3C       0.01       208647_at       3C       0.01         224902_s_at       3C       0.01       207980_s_at       3C				202027 25		
211339_s_at       3C       0.01       200013_at       3C       0.01         204894_s_at       3C       0.01       205169_at       3C       0.01         217754_at       3C       0.01       203853_s_at       3C       0.01         209308_s_at       3C       0.01       1559052_s_at       3C       0.01         221918_at       3C       0.01       209002_s_at       3C       0.01         203708_at       3C       0.01       224481_s_at       3C       0.01         210213_s_at       3C       0.01       215596_s_at       3C       0.01         201482_at       3C       0.01       200057_s_at       3C       0.01         224482_s_at       3C       0.01       222641_s_at       3C       0.01         224902_at       3C       0.01       217828_at       3C       0.01         224902_at       3C       0.01       20875_s_at       3C       0.01         214241_at       3C       0.01       20875_s_at       3C       0.01         214241_at       3C       0.01       207980_s_at       3C       0.01         214039_s_at       3C       0.01       20646_s_at       3C						
204894 s at 3C       0.01       205169 at 3C       0.01         217754 at 3C       0.01       203853 s at 3C       0.01         209308 s at 3C       0.01       1559052 s at 3C       0.01         221918 at 3C       0.01       209002 s at 3C       0.01         203708 at 3C       0.01       224481 s at 3C       0.01         210213 s at 3C       0.01       215596 s at 3C       0.01         201482 at 3C       0.01       20057 s at 3C       0.01         224482 s at 3C       0.01       222641 s at 3C       0.01         1558233 s at 3C       0.01       217828 at 3C       0.01         224902 at 3C       0.01       202875 s at 3C       0.01         223103 at 3C       0.01       203157 s at 3C       0.01         214039 s at 3C       0.01       203157 s at 3C       0.01         214039 s at 3C       0.01       207980 s at 3C       0.01         20546 s at 3C       0.01       207980 s at 3C       0.01         20546 s at 3C       0.01       20531 at 3C       0.01         20546 s at 3C       0.01       20531 at 3C       0.01         20313 s at 3C       0.01       206662 s at 3C       0.01         20313 s at 3C <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
217754_at       3C       0.01       203853_s_at       3C       0.01         209308_s_at       3C       0.01       1559052_s_at       3C       0.01         221918_at       3C       0.01       209002_s_at       3C       0.01         203708_at       3C       0.01       224481_s_at       3C       0.01         210213_s_at       3C       0.01       215596_s_at       3C       0.01         224482_s_at       3C       0.01       222641_s_at       3C       0.01         224492_at       3C       0.01       217828_at       3C       0.01         224902_at       3C       0.01       202875_s_at       3C       0.01         223103_at       3C       0.01       208647_at       3C       0.01         214241_at       3C       0.01       203157_s_at       3C       0.01         214039_s_at       3C       0.01       207980_s_at       3C       0.01         202692_s_at       3C       0.01       202531_at       3C       0.01         218735_s_at       3C       0.01       202531_at       3C       0.01         218735_s_at       3C       0.01       208662_s_at       3C						
209308 s at       3C       0.01       1559052 s at       3C       0.01         221918 at       3C       0.01       209002 s at       3C       0.01         203708 at       3C       0.01       224481 s at       3C       0.01         210213 s at       3C       0.01       215596 s at       3C       0.01         201482 at       3C       0.01       200057 s at       3C       0.01         224482 s at       3C       0.01       222641 s at       3C       0.01         1558233 s at       3C       0.01       217828 at       3C       0.01         224902 at       3C       0.01       202875 s at       3C       0.01         223103 at       3C       0.01       208647 at       3C       0.01         214241 at       3C       0.01       203157 s at       3C       0.01         214039 s at       3C       0.01       207980 s at       3C       0.01         202692 s at       3C       0.01       202531 at       3C       0.01         218735 s at       3C       0.01       208662 s at       3C       0.01         203313 s at       3C       0.01       21075 s at       3C<	<del>-</del> -					
221918 at       3C 0.01       209002 s at       3C 0.01         203708 at       3C 0.01       224481 s at       3C 0.01         210213 s at       3C 0.01       215596 s at       3C 0.01         201482 at       3C 0.01       200057 s at       3C 0.01         224482 s at       3C 0.01       222641 s at       3C 0.01         224902 at       3C 0.01       217828 at       3C 0.01         224902 at       3C 0.01       202875 s at       3C 0.01         23103 at       3C 0.01       208647 at       3C 0.01         214241 at       3C 0.01       203157 s at       3C 0.01         214039 s at       3C 0.01       207980 s at       3C 0.01         202692 s at       3C 0.01       220646 s at       3C 0.01         218735 s at       3C 0.01       202531 at       3C 0.01         218735 s at       3C 0.01       208662 s at       3C 0.01         203313 s at       3C 0.01       211075 s at       3C 0.01         203239 s at       3C 0.01       221905 at       3C 0.01         224760 at       3C 0.01       228170 at       3C 0.01         225090 at       3C 0.01       228170 at       3C 0.01						
203708_at       3C       0.01       224481_s_at       3C       0.01         210213_s_at       3C       0.01       215596_s_at       3C       0.01         201482_at       3C       0.01       200057_s_at       3C       0.01         224482_s_at       3C       0.01       222641_s_at       3C       0.01         1558233_s_at       3C       0.01       217828_at       3C       0.01         224902_at       3C       0.01       202875_s_at       3C       0.01         223103_at       3C       0.01       208647_at       3C       0.01         214241_at       3C       0.01       203157_s_at       3C       0.01         214039_s_at       3C       0.01       207980_s_at       3C       0.01         202692_s_at       3C       0.01       220646_s_at       3C       0.01         218735_s_at       3C       0.01       202531_at       3C       0.01         212931_at       3C       0.01       208662_s_at       3C       0.01         203239_s_at       3C       0.01       211075_s_at       3C       0.01         224760_at       3C       0.01       226337_at       3C						
210213 s at       3C 0.01       215596 s at       3C 0.01         201482 at       3C 0.01       200057 s at       3C 0.01         224482 s at       3C 0.01       222641 s at       3C 0.01         1558233 s at       3C 0.01       217828 at       3C 0.01         224902 at       3C 0.01       202875 s at       3C 0.01         223103 at       3C 0.01       208647 at       3C 0.01         214241 at       3C 0.01       203157 s at       3C 0.01         214039 s at       3C 0.01       207980 s at       3C 0.01         202692 s at       3C 0.01       220646 s at       3C 0.01         218735 s at       3C 0.01       202531 at       3C 0.01         218735 s at       3C 0.01       208662 s at       3C 0.01         203313 s at       3C 0.01       21075 s at       3C 0.01         203239 s at       3C 0.01       221905 at       3C 0.01         224760 at       3C 0.01       206337 at       3C 0.01         225090 at       3C 0.01       228170 at       3C 0.01						
201482 at       3C       0.01       200057 s at       3C       0.01         224482 s at       3C       0.01       222641 s at       3C       0.01         1558233 s at       3C       0.01       217828 at       3C       0.01         224902 at       3C       0.01       202875 s at       3C       0.01         223103 at       3C       0.01       208647 at       3C       0.01         214241 at       3C       0.01       203157 s at       3C       0.01         214039 s at       3C       0.01       207980 s at       3C       0.01         202692 s at       3C       0.01       220646 s at       3C       0.01         218735 s at       3C       0.01       202531 at       3C       0.01         218735 s at       3C       0.01       214658 at       3C       0.01         203313 s at       3C       0.01       211075 s at       3C       0.01         203239 s at       3C       0.01       221905 at       3C       0.01         224760 at       3C       0.01       228170 at       3C       0.01         225090 at       3C       0.01       228170 at       3C						
224482 s_at       3C       0.01       222641 s_at       3C       0.01         1558233 s_at       3C       0.01       217828 at       3C       0.01         224902 at       3C       0.01       202875 s_at       3C       0.01         223103 at       3C       0.01       208647 at       3C       0.01         214241 at       3C       0.01       203157 s_at       3C       0.01         214039 s_at       3C       0.01       207980 s_at       3C       0.01         202692 s_at       3C       0.01       220646 s_at       3C       0.01         218735 s_at       3C       0.01       202531 at       3C       0.01         218735 s_at       3C       0.01       214658 at       3C       0.01         203313 s_at       3C       0.01       211075 s_at       3C       0.01         203239 s_at       3C       0.01       221905 at       3C       0.01         224760 at       3C       0.01       228170 at       3C       0.01         225090 at       3C       0.01       228170 at       3C       0.01						
1558233 s at 3C 0.01 217828 at 3C 0.01 224902 at 3C 0.01 202875 s at 3C 0.01 223103 at 3C 0.01 208647 at 3C 0.01 214241 at 3C 0.01 203157 s at 3C 0.01 214039 s at 3C 0.01 207980 s at 3C 0.01 202692 s at 3C 0.01 220646 s at 3C 0.01 1554202 x at 3C 0.01 202531 at 3C 0.01 218735 s at 3C 0.01 214658 at 3C 0.01 212931 at 3C 0.01 214658 at 3C 0.01 203313 s at 3C 0.01 208662 s at 3C 0.01 203239 s at 3C 0.01 211075 s at 3C 0.01 224760 at 3C 0.01 226337 at 3C 0.01 225090 at 3C 0.01 228170 at 3C 0.01		3C		<del></del>		
224902_at       3C       0.01       202875_s_at       3C       0.01         223103_at       3C       0.01       208647_at       3C       0.01         214241_at       3C       0.01       203157_s_at       3C       0.01         214039_s_at       3C       0.01       207980_s_at       3C       0.01         202692_s_at       3C       0.01       220646_s_at       3C       0.01         1554202_x_at       3C       0.01       202531_at       3C       0.01         218735_s_at       3C       0.01       214658_at       3C       0.01         212931_at       3C       0.01       208662_s_at       3C       0.01         203239_s_at       3C       0.01       211075_s_at       3C       0.01         224760_at       3C       0.01       206337_at       3C       0.01         225090_at       3C       0.01       228170_at       3C       0.01						
223103_at       3C       0.01       208647_at       3C       0.01         214241_at       3C       0.01       203157_s_at       3C       0.01         214039_s_at       3C       0.01       207980_s_at       3C       0.01         202692_s_at       3C       0.01       220646_s_at       3C       0.01         1554202_x_at       3C       0.01       202531_at       3C       0.01         218735_s_at       3C       0.01       214658_at       3C       0.01         212931_at       3C       0.01       208662_s_at       3C       0.01         203239_s_at       3C       0.01       211075_s_at       3C       0.01         224760_at       3C       0.01       206337_at       3C       0.01         225090_at       3C       0.01       228170_at       3C       0.01						
214241_at       3C       0.01       203157_s_at       3C       0.01         214039_s_at       3C       0.01       207980_s_at       3C       0.01         202692_s_at       3C       0.01       220646_s_at       3C       0.01         1554202_x_at       3C       0.01       202531_at       3C       0.01         218735_s_at       3C       0.01       214658_at       3C       0.01         212931_at       3C       0.01       208662_s_at       3C       0.01         203239_s_at       3C       0.01       211075_s_at       3C       0.01         224760_at       3C       0.01       206337_at       3C       0.01         225090_at       3C       0.01       228170_at       3C       0.01						
214039_s_at       3C       0.01       207980_s_at       3C       0.01         202692_s_at       3C       0.01       220646_s_at       3C       0.01         1554202_x_at       3C       0.01       202531_at       3C       0.01         218735_s_at       3C       0.01       214658_at       3C       0.01         212931_at       3C       0.01       208662_s_at       3C       0.01         203239_s_at       3C       0.01       211075_s_at       3C       0.01         224760_at       3C       0.01       206337_at       3C       0.01         225090_at       3C       0.01       228170_at       3C       0.01						
202692 s_at       3C       0.01       220646 s_at       3C       0.01         1554202 x_at       3C       0.01       202531_at       3C       0.01         218735 s_at       3C       0.01       214658_at       3C       0.01         212931_at       3C       0.01       208662_s_at       3C       0.01         203313 s_at       3C       0.01       211075_s_at       3C       0.01         203239 s_at       3C       0.01       221905_at       3C       0.01         224760_at       3C       0.01       206337_at       3C       0.01         225090_at       3C       0.01       228170_at       3C       0.01	214039_s_at					
1554202 x at 3C       0.01       202531 at 3C       0.01         218735 s at 3C       0.01       214658 at 3C       0.01         212931 at 3C       0.01       208662 s at 3C       0.01         203313 s at 3C       0.01       211075 s at 3C       0.01         203239 s at 3C       0.01       221905 at 3C       0.01         224760 at 3C       0.01       206337 at 3C       0.01         225090 at 3C       0.01       228170 at 3C       0.01	202692 <u>s</u> at					
218735_s_at       3C       0.01       214658_at       3C       0.01         212931_at       3C       0.01       208662_s_at       3C       0.01         203313_s_at       3C       0.01       211075_s_at       3C       0.01         203239_s_at       3C       0.01       221905_at       3C       0.01         224760_at       3C       0.01       206337_at       3C       0.01         225090_at       3C       0.01       228170_at       3C       0.01		3C			3C	
212931_at       3C       0.01       208662_s_at       3C       0.01         203313_s_at       3C       0.01       211075_s_at       3C       0.01         203239_s_at       3C       0.01       221905_at       3C       0.01         224760_at       3C       0.01       206337_at       3C       0.01         225090_at       3C       0.01       228170_at       3C       0.01		3C			3C	0.01
203313_s_at       3C       0.01       211075_s_at       3C       0.01         203239_s_at       3C       0.01       221905_at       3C       0.01         224760_at       3C       0.01       206337_at       3C       0.01         225090_at       3C       0.01       228170_at       3C       0.01		3C			3C	0.01
224760_at 3C 0.01 206337_at 3C 0.01 225090_at 3C 0.01 228170_at 3C 0.01				211075 <u> s</u> at		
225090_at 3C 0.01					3C	
	_	3C		206337 <u>a</u> t	3C	
212270_x_at 3C 0.01 1554800_at 3C 0.01						
	212270_x_at	3C	0.01	1554800_at	3C	0.01

000001	~ ~				
208901_s_at	3C	0.01	208313 s at	3C	0.01
201957_at	3C	0.01	233230 s at	3C	0.01
220853 at	3C	0.01	203373_at		
			203373_at	30	0.01
1555411_a_at		0.01	220202 <u>_</u> s_at		0.01
205504_at	3C	0.01	221492 s at	3C	0.01
32811 at	3C	0.01	1553099_at		0.01
216100  s at		0.01			
			219378_at	3C	0.01
215493_x_at		0.01	224920_x_at	3C	0.01
228749_at	3C	0.01	201542_at	3C	0.01
220368 s at	3C	0.01	218284 at	3C	0.01
204751 x at		0.01	214042 s at		
220306_at		0.01	200766_at		0.01
211941_s_at	3C	0.01	203 <b>419</b> _at	3C	0.01
209943 at	3C	0.01	212794 s at	3C	0.01
216205 s at		0.01	209647 s at	3C	0.01
210427 x at		0.01			
			242760_x_at	3C	0.01
222875_at 208858_s_at	3C	0.01	218764_at	3C	0.01
208858_s_at	3C	0.01	218043 s at	3C	0.01
223096 at	3C	0.01	207323_s_at		
200840 at		0.01			
			218517_at		0.01
218506_x_at	30	0.01	201620_at		0.01
	3C	0.01	· 200847_s_at	3C	0.01
210982 s at	3C	0.01	201217 x at	3C	0.01
211558 s at	3C	0.01	218518 at		
202149_at		0.01			
202149_at	30		209142_s_at		
202058_s_at	3C	0.01	204635_at	3C	0.01
200737_at	3C	0.01	201875 <u></u> s_at	3C	0.01
218215_s_at	3C	0.01	56256 at		
214847 s at		0.01	203 <b>2</b> 76 at		
					0.01
219444_at		0.01	213351_s_at		
204568_at		0.01	217552_x_at	3C	0.01
223304_at	3C	0.01	2026 <b>4</b> 2 s at	3C	0.01
200064_at	3C	0.01	218280 x at	3C	0.01
210062_s_at	3C	0.01	<b>— —</b>		
219812 at			231853_at		
	3C	0.01	238722_x_at		0.01
233933_s_at		0.01	218972_at 209448_at	3C	0.01
229450 at	3C	0.01	209448 at	3C	0.01
218195_at	3C	0.01	201557 at		0.02
203879 at	30	0.01			
203879_at 1570585_at	30	0.01	222980_at	30	0.02
1370303_ac			201084 <u>s_at</u> 225140 at	3C	0.02
202634_at	3C	0.01			0.02
204891_s_at	3C	0.01	2207 <b>4</b> 6 s at	3C	0.02
228337_at	3C	0.01	200896_x_at	3C	0.02
218501 at	3C	0.01	216218 s at	3C	0.02
$91816 \overline{f}$ at	3C	0.01	212500 at	3C	
					0.02
205760_s_at	3C	0.01	212204_at	3C	0.02
216950_s_at	3C	0.01	202775 s at	3C	0.02
200961 at	3C	0.01	229686 at	3C	0.02
209211 at	3C	0.01	208984 x at	3C	0.02
226794 at	3C	0.01	202086 at		
			<del>-</del>	3C	0.02
226584_s_at	3C	0.01	225370_at	3C	0.02
217749_at	3C	0.01	212596 s at	3C	0.02
215452 x at	3C	0.01	212250 at	3C	0.02
221988 at	3C	0.01	211951 at	3C	0.02
203089 s at	3C	0.01	1564974 at		
				3C	0.02
204837_at	3C	0.01	208223_s_at	3C	0.02
202697_at	3C	0.01	204689_at	3C	0.02
217286 s at	3C	0.01	201180 s at	3C	0.02
208875 s at		0.01	219304 s at	3C	0.02
203460 s at	3C	0.01			
			212129_at	3C	0.02
224831_at	3C	0.01	212591_at	3C	0.02
202543_s_at		0.01	209678_s_at	3C	0.02
200615_s_at	3C	0.01	219286 s at	3C	0.02
214060 at	3C	0.01	201625 s at	3C	0.02
<b>—</b> ****			20105-3146		J. U.

204125	200719_at	3C	0.02	228690 s_at	3C	0.02
220035	204125 at					
221724_s at	220035 at					
117 at	221724 s at					
201725 at 3C 0.02 225346 at 3C 0.02 218313 at 3C 0.02 212036 s, at 3C 0.02 22561 x at 3C 0.02 217729 s at 3C 0.02 225261 x at 3C 0.02 217729 s at 3C 0.02 212336 at 3C 0.02 211256 x at 3C 0.02 211256 x at 3C 0.02 212463 x at 3C 0.02 212463 x at 3C 0.02 212463 x at 3C 0.02 2120458 s at 3C 0.02 212667 at 3C 0.02 21209 at 3C 0.02 212009 at 3C 0.02 218001 at 3C 0.02 2103573 at 3C 0.02 218001 at 3C 0.02 215894 at 3C 0.02 223441 at 3C 0.02 212587 at 3C 0.02 223266 at 3C 0.02 212557 at 3C 0.02 212557 at 3C 0.02 213229 at 3C 0.02 212537 x at 3C 0.02 213229 at 3C 0.02 213323 at 3C 0.02 213229 at 3C 0.02 213313 at 3C 0.02 213229 at 3C 0.02 203513 at 3C 0.02 2131229 at 3C 0.02 203573 at 3C 0.02 203573 at 3C 0.02 215574 at 3C 0.02 215172 at 3C 0.02 203578 at 3C 0.02 203578 at 3C 0.02 203578 at 3C 0.02 205545 at 3C 0.02 20555 at						
218313 s at 3C 0.02 212036 s at 3C 0.02 200687 s at 3C 0.02 225261 x at 3C 0.02 225261 x at 3C 0.02 217729 s at 3C 0.02 213236 at 3C 0.02 218187 s at 3C 0.02 210458 s at 3C 0.02 212463 x at 3C 0.02 211256 x at 3C 0.02 212663 x at 3C 0.02 212602 at 3C 0.02 218001 at 3C 0.02 2135894 at 3C 0.02 220887 s at 3C 0.02 215894 at 3C 0.02 223441 at 3C 0.02 215894 at 3C 0.02 223441 at 3C 0.02 215894 at 3C 0.02 223466 at 3C 0.02 212537 x at 3C 0.02 213229 at 3C 0.02 213229 at 3C 0.02 213329 at 3C 0.02 213337 at 3C 0.02 213513 at 3C 0.						
200687 s at 3C						
225261 x at         3C         0.02         217729 s at         3C         0.02           223236 at         3C         0.02         218187 s at         3C         0.02           210458 s at         3C         0.02         212463 x at         3C         0.02           211256 x at         3C         0.02         219676 at         3C         0.02           203573 s at         3C         0.02         223441 at         3C         0.02           217842 at         3C         0.02         22341 at         3C         0.02           217842 at         3C         0.02         21912 x at         3C         0.02           217842 at         3C         0.02         21912 x at         3C         0.02           217842 at         3C         0.02         21917 x at         3C         0.02           217842 at         3C         0.02         21917 x at         3C         0.02           217847 at         3C         0.02         21917 x at         3C         0.02           203318 at         3C         0.02         21918 at         3C         0.02           204172 at         3C         0.02         21918 x at         3C         0.02<						
223236 at         3C         0.02         218187 at         3C         0.02           210458 at         3C         0.02         242463 x at         3C         0.02           211256 x at         3C         0.02         218001 at         3C         0.02           227029 at         3C         0.02         220887 s at         3C         0.02           215894 at         3C         0.02         223441 at         3C         0.02           217842 at         3C         0.02         223266 at         3C         0.02           212537 x at         3C         0.02         21912 x at         3C         0.02           2255945 at         3C         0.02         219379 at         3C         0.02           203378 at         3C         0.02         219571 s at         3C         0.02           203378 at         3C         0.02         219571 s at         3C         0.02           203378 at         3C         0.02         219565 at         3C         0.02           201373 at         3C         0.02         201561 s at         3C         0.02           2010125 s at         3C         0.02         201561 s at         3C         0.						
210458						
211256	<del>-</del>					
203573						
203573				2196/6_at	3C	0.02
217842_at 3C 0.02				218001_at		
217842 at 3C 0.02						
212537 x at 3C 0.02						
225945_at	217842_at	3C		223266_at		
225945_at	212537_x_at	3C	0.02	210912_x_at	3C	0.02
203513 at         3C         0.02         209058 at         3C         0.02           203378_at         3C         0.02         219123_at         3C         0.02           218734_at         3C         0.02         201561_s_at         3C         0.02           204172_at         3C         0.02         207594_s_at         3C         0.02           210125_s_at         3C         0.02         202488_s_at         3C         0.02           207403_at         3C         0.02         202488_s_at         3C         0.02           217838_s_at         3C         0.02         20852_x_at         3C         0.02           207691_at         3C         0.02         218802_at         3C         0.02           204565_at         3C         0.02         213304_at         3C         0.02           218385_at         3C         0.02         223086_x_at         3C         0.02           22776_at         3C         0.02         223086_x_at         3C         0.02           2211559_sat         3C         0.02         202795_x_at         3C         0.02           223134_at         3C         0.02         202795_x_at         3C         0				213229_at		
203378_at						
203378_at	203513_at	3C	0.02	209058_at		0.02
204172 at 3C 0.02 210125_s_at 3C 0.02 2105403_at 3C 0.02 217838_s_at 3C 0.02 227831_x_at 3C 0.02 227831_x_at 3C 0.02 226691_at 3C 0.02 226691_at 3C 0.02 22183802_at 3C 0.02 2244698_at 3C 0.02 224565_at 3C 0.02 2218385_at 3C 0.02 2218385_at 3C 0.02 227276_at 3C 0.02 227276_at 3C 0.02 227276_at 3C 0.02 221559_s_at 3C 0.02 221559_s_at 3C 0.02 2215406_s_at 3C 0.02 221334_at 3C 0.02 221344_at 3C 0.02 221344_at 3C 0.02 221346_s_at 3C 0.02 2223134_at 3C 0.02 2216976_s_at 3C 0.02 2218447_at 3C 0.02 2218407_s_at 3C 0.02 2218447_s_at 3C 0.02 222912_at 3C 0.02 2219628_at 3C 0.02 222912_at 3C 0.02 2215438_x_at 3C 0.02 225577_at 3C 0.02 2215438_x_at 3C 0.02 225577_at 3C 0.02 221649_at 3C 0.02 225577_at 3C 0.02 225577_at 3C 0.02 226691_at 3C 0.02 22699_at 3C 0.02 226999_at 3C 0.02 22699_at 3C 0.02 226999_at 3C 0.02 226999_a	203378_at	3C	0.02	219123_at	3C	
210125_s_at 3C 0.02 207594_s_at 3C 0.02 202488_s_at 3C 0.02 202488_s_at 3C 0.02 208188_s_at 3C 0.02 207831_x_at 3C 0.02 208188_s_at 3C 0.02 207831_x_at 3C 0.02 209852_x_at 3C 0.02 204698_at 3C 0.02 218802_at 3C 0.02 204565_at 3C 0.02 213304_at 3C 0.02 204565_at 3C 0.02 203727_at 3C 0.02 218385_at 3C 0.02 227276_at 3C 0.02 223086_x_at 3C 0.02 227276_at 3C 0.02 223006_x_at 3C 0.02 205446_s_at 3C 0.02 205446_s_at 3C 0.02 202795_x_at 3C 0.02 205446_s_at 3C 0.02 202795_x_at 3C 0.02 202795_x_at 3C 0.02 202795_x_at 3C 0.02 202795_x_at 3C 0.02 202796_s_at 3C 0.02 207601_at	218734_at	3C -	0.02	201561_s_at	3C	0.02
210125 s at 3C  0.02			0.02	214617 at	3C	0.02
205403 at         3C         0.02         202488 s at         3C         0.02           217838 s at         3C         0.02         208158 s at         3C         0.02           207831 x at         3C         0.02         209852 x at         3C         0.02           204696 at         3C         0.02         213304 at         3C         0.02           204565 at         3C         0.02         23727 at         3C         0.02           218385 at         3C         0.02         223086 x at         3C         0.02           227276 at         3C         0.02         206976 s at         3C         0.02           211559 s at         3C         0.02         202795 x at         3C         0.02           223134 at         3C         0.02         202396 at         3C         0.02           210346 s at         3C         0.02         218447 at         3C         0.02           227679 s at         3C         0.02         218628 at         3C         0.02           227676 s at         3C         0.02         218647 at         3C         0.02           227676 s at         3C         0.02         218647 at         3C <t< td=""><td>210125 s at</td><td>3C</td><td>0.02</td><td>20<b>7594</b> s at</td><td>3C</td><td>0.02</td></t<>	210125 s at	3C	0.02	20 <b>7594</b> s at	3C	0.02
217838 s at 3C 0.02			0.02	202488 s at	3C	0.02
207831_x_at       3C       0.02       20852_x_at       3C       0.02         226691_at       3C       0.02       218802_at       3C       0.02         204698_at       3C       0.02       203727_at       3C       0.02         218385_at       3C       0.02       223086_x_at       3C       0.02         227776_at       3C       0.02       226976_s_at       3C       0.02         211559_s_at       3C       0.02       232001_at       3C       0.02         205446_s_at       3C       0.02       202795_x_at       3C       0.02         210346_s_at       3C       0.02       202396_at       3C       0.02         210346_s_at       3C       0.02       218447_at       3C       0.02         224407_s_at       3C       0.02       218447_at       3C       0.02         224407_s_at       3C       0.02       21847_at       3C       0.02         222410_s_at       3C       0.02       21868_at       3C       0.02         222577_at       3C       0.02       215438_x_at       3C       0.02         225277_at       3C       0.02       225434_x_at       3C <td< td=""><td>217838 s at</td><td>3C</td><td>0.02</td><td>208158 s at</td><td>3C</td><td>0.02</td></td<>	217838 s at	3C	0.02	208158 s at	3C	0.02
226691_at         3C         0.02         218802_at         3C         0.02           204565_at         3C         0.02         213304_at         3C         0.02           218385_at         3C         0.02         223086_x_at         3C         0.02           227276_at         3C         0.02         232001_at         3C         0.02           211559_s_at         3C         0.02         232001_at         3C         0.02           223134_at         3C         0.02         202795_x_at         3C         0.02           2207769_s_at         3C         0.02         218447_at         3C         0.02           207769_s_at         3C         0.02         218447_at         3C         0.02           207601_at         3C         0.02         219628_at         3C         0.02           222912_at         3C         0.02         221860_s_at         3C         0.02           222912_at         3C         0.02         20181_at         3C         0.02           225277_at         3C         0.02         20181_at         3C         0.02           22547_at         3C         0.02         22845_at         3C         0.02				209852 x at	3C	0.02
204698_at         3C         0.02         213304_at         3C         0.02           204565_at         3C         0.02         203727_at         3C         0.02           218385_at         3C         0.02         223086_x_at         3C         0.02           227276_at         3C         0.02         206976_s_at         3C         0.02           215549_s_at         3C         0.02         232001_at         3C         0.02           2253446_s_at         3C         0.02         202795_x_at         3C         0.02           22776_s_at         3C         0.02         202396_at         3C         0.02           22776_s_at         3C         0.02         218447_at         3C         0.02           2274407_s_at         3C         0.02         221676_s_at         3C         0.02           227912_at         3C         0.02         219628_at         3C         0.02           222912_at         3C         0.02         201181_at         3C         0.02           225277_at         3C         0.02         215438_x_at         3C         0.02           2213049_at         3C         0.02         221547_at         3C         0.				218802 at		
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227276 at 3C 0.02 211559_s_at 3C 0.02 205446_s_at 3C 0.02 223134_at 3C 0.02 210346_s_at 3C 0.02 227769_s_at 3C 0.02 227760_s_at 3C 0.02 224407_s_at 3C 0.02 224407_s_at 3C 0.02 227601_at 3C 0.02 222912_at 3C 0.02 222912_at 3C 0.02 222912_at 3C 0.02 222912_at 3C 0.02 225277_at 3C 0.02 215438_x_at 3C 0.02 213049_at 3C 0.02 213049_at 3C 0.02 21554428_s_at 3C 0.02 223129_x_at 3C 0.02 206612_at 3C 0.02 2138870_at 3C 0.02 218870_at 3C 0.02 218870_at 3C 0.02 225572_at 3C 0.02 226757_at 3C 0.02 225842_s_at 3C 0.02 225842_s_at 3C 0.02 225842_s_at 3C 0.02 225842_s_at 3C 0.02 221893_s_at 3C 0.02 221893_s_at 3C 0.02 221893_s_at 3C 0.02 221893_s_at 3C 0.02 2231893_s_at 3C 0.02 2231894_at 3C 0.02 231894_at 3C 0.02 231894_at 3C 0.02 231895_s_at 3C 0.02 231876_at 3C 0.02 205495_s_at 3C 0.02 205495_s_at 3C 0.02 205495_s_at 3C 0.02 205495_s_at 3C 0.02 205230_at 3C 0.02 2052378_s_at 3C 0.02 2255243_s_at 3C 0.02 2255230_at 3C 0.02 2255243_s_at 3C 0.02 2255243_s_at 3C 0.02 2255230_at 3C 0.02 2255243_s_at 3C 0.02 2255243_s_at 3C 0.02 2255230_at 3C 0.02 2255230_at 3C 0.02 2255243_s_at 3C 0.02 2255243_s_at 3C 0.02 2255230_at 3C 0.02 2255243_s_at 3C 0.02 2255243_s_at 3C 0.02 2255230_at 3C 0.02 2255230_at 3C 0.02 2255243_s_at 3C 0.02 22552	204565 at	3C	0.02	203727 at	3C	0.02
227276 at 3C 0.02 211559_s_at 3C 0.02 205446_s_at 3C 0.02 223134_at 3C 0.02 210346_s_at 3C 0.02 227769_s_at 3C 0.02 227760_s_at 3C 0.02 224407_s_at 3C 0.02 224407_s_at 3C 0.02 227601_at 3C 0.02 222912_at 3C 0.02 222912_at 3C 0.02 222912_at 3C 0.02 222912_at 3C 0.02 225277_at 3C 0.02 215438_x_at 3C 0.02 213049_at 3C 0.02 213049_at 3C 0.02 21554428_s_at 3C 0.02 223129_x_at 3C 0.02 206612_at 3C 0.02 2138870_at 3C 0.02 218870_at 3C 0.02 218870_at 3C 0.02 225572_at 3C 0.02 226757_at 3C 0.02 225842_s_at 3C 0.02 225842_s_at 3C 0.02 225842_s_at 3C 0.02 225842_s_at 3C 0.02 221893_s_at 3C 0.02 221893_s_at 3C 0.02 221893_s_at 3C 0.02 221893_s_at 3C 0.02 2231893_s_at 3C 0.02 2231894_at 3C 0.02 231894_at 3C 0.02 231894_at 3C 0.02 231895_s_at 3C 0.02 231876_at 3C 0.02 205495_s_at 3C 0.02 205495_s_at 3C 0.02 205495_s_at 3C 0.02 205495_s_at 3C 0.02 205230_at 3C 0.02 2052378_s_at 3C 0.02 2255243_s_at 3C 0.02 2255230_at 3C 0.02 2255243_s_at 3C 0.02 2255243_s_at 3C 0.02 2255230_at 3C 0.02 2255243_s_at 3C 0.02 2255243_s_at 3C 0.02 2255230_at 3C 0.02 2255230_at 3C 0.02 2255243_s_at 3C 0.02 2255243_s_at 3C 0.02 2255230_at 3C 0.02 2255243_s_at 3C 0.02 2255243_s_at 3C 0.02 2255230_at 3C 0.02 2255230_at 3C 0.02 2255243_s_at 3C 0.02 22552	218385 at			223086 x at	3C	0.02
211559_s_at 3C 0.02 232001_at 3C 0.02 223134_at 3C 0.02 202795_x_at 3C 0.02 223134_at 3C 0.02 202396_at 3C 0.02 207769_s_at 3C 0.02 218447_at 3C 0.02 207769_s_at 3C 0.02 211676_s_at 3C 0.02 224407_s_at 3C 0.02 219628_at 3C 0.02 224407_s_at 3C 0.02 219628_at 3C 0.02 227601_at 3C 0.02 20800_s_at 3C 0.02 222912_at 3C 0.02 201181_at 3C 0.02 225277_at 3C 0.02 201593_s_at 3C 0.02 225277_at 3C 0.02 202593_s_at 3C 0.02 213049_at 3C 0.02 202593_s_at 3C 0.02 208612_at 3C 0.02 228454_at 3C 0.02 208612_at 3C 0.02 228454_at 3C 0.02 20155428_s_at 3C 0.02 201363_s_at 3C 0.02 200619_at 3C 0.02 201363_s_at 3C 0.02 200619_at 3C 0.02 201363_s_at 3C 0.02 2018870_at 3C 0.02 20233_at 3C 0.02 205842_s_at 3C 0.02 202414_at 3C 0.02 205842_s_at 3C 0.02 208767_s_at 3C 0.02 218037_at 3C 0.02 208767_s_at 3C 0.02 218037_at 3C 0.02 208767_s_at 3C 0.02 231973_s_at 3C 0.02 212310_at 3C 0.02 221809_x_at 3C 0.02 212310_at 3C 0.02 221809_x_at 3C 0.02 212310_at 3C 0.02 221809_x_at 3C 0.02 212310_at 3C 0.02 2219150_s_at 3C 0.02 227740_at 3C 0.02 222634_s_at 3C 0.02 223947_s_at 3C 0.02 2252595_at 3C 0.02 227740_at 3C 0.02 225279_s_at 3C 0.02 227740_at 3C 0.02 226635_s_at 3C 0.02 227740_at 3C 0.02 2252595_s_at 3C 0.02 223947_s_at 3C 0.02 204197_s_at 3C 0.02 223947_s_at 3C 0.02 205230_at 3C 0.02 225243_s_at 3C 0.02 205230_at 3C 0.02 225543_s_at 3C 0.02 2052378_s_at 3C 0.02 225543_s_at 3C 0.02 205230_at 3C 0.02 225543_s_at 3C 0.02 2052378_s_at 3C 0.02 225243_s_at 3C 0.02 2052378_s_at 3C 0.02 225243_s_at 3C 0.02 2052378_s_at 3C 0.02 225243_s_at 3C 0.02	227276 at			206976 s at	3C	0.02
205446_s_at 3C 0.02 202795_x_at 3C 0.02 223134_at 3C 0.02 202396_at 3C 0.02 210346_s_at 3C 0.02 218447_at 3C 0.02 227695_s_at 3C 0.02 218447_at 3C 0.02 224407_s_at 3C 0.02 219628_at 3C 0.02 22912_at 3C 0.02 229800_s_at 3C 0.02 22912_at 3C 0.02 201181_at 3C 0.02 225277_at 3C 0.02 215438_x_at 3C 0.02 225277_at 3C 0.02 215438_x_at 3C 0.02 2213049_at 3C 0.02 228454_at 3C 0.02 208612_at 3C 0.02 228454_at 3C 0.02 223129_x_at 3C 0.02 228454_at 3C 0.02 223129_x_at 3C 0.02 223129_x_at 3C 0.02 221029_3 s_at 3C 0.02 225272_at 3C 0.02 221029_3 s_at 3C 0.02 225272_at 3C 0.02 226757_at 3C 0.02 225842_s_at 3C 0.02 226757_at 3C 0.02 226751_at 3C 0.02 226751_at 3C 0.02 208619_x_at 3C 0.02 208767_s_at 3C 0.02 2218037_at 3C 0.02 2218037_at 3C 0.02 208767_s_at 3C 0.02 2218037_at 3C 0.02 222634_s_at 3C 0.02 2218940_at 3C 0.02 2218038_at 3C 0.02 222634_s_at 3C 0.02 222740_at 3C 0.02 222634_s_at 3C 0.02 222634_s_at 3C 0.02 223787_s_at 3C 0.02 225230_at 3C 0.02 225233_s_at 3C	<del></del>					
223134_at       3C       0.02       202396_at       3C       0.02         210346_s_at       3C       0.02       218447_at       3C       0.02         207769_s_at       3C       0.02       221676_s_at       3C       0.02         224407_s_at       3C       0.02       220800_s_at       3C       0.02         207601_at       3C       0.02       220800_s_at       3C       0.02         222912_at       3C       0.02       201181_at       3C       0.02         256829_at       3C       0.02       202593_s_at       3C       0.02         213049_at       3C       0.02       20363_s_at       3C       0.02         223129_x_at       3C       0.02       201363_s_at       3C       0.02         223129_x_at       3C       0.02       210293_s_at       3C       0.02         225272_at       3C       0.02       22388_at       3C						
210346 s at 3C 0.02	223134 at					
207769 s at 3C 0.02						
224407_s_at       3C       0.02       219628_at       3C       0.02         207601_at       3C       0.02       220800_s_at       3C       0.02         222912_at       3C       0.02       201181_at       3C       0.02         56829_at       3C       0.02       215438_x_at       3C       0.02         225277_at       3C       0.02       202593_s_at       3C       0.02         213049_at       3C       0.02       228454_at       3C       0.02         21554428_s_at       3C       0.02       201363_s_at       3C       0.02         223129_x_at       3C       0.02       232033_at       3C       0.02         223129_x_at       3C       0.02       232033_at       3C       0.02         2206619_at       3C       0.02       232033_at       3C       0.02         218870_at       3C       0.02       226757_at       3C       0.02         225272_at       3C       0.02       223288_at       3C       0.02         225671_at       3C       0.02       202414_at       3C       0.02         226711_at       3C       0.02       208767_s_at       3C       0.02						
207601_at						
56829_at       3C       0.02       215438_x_at       3C       0.02         225277_at       3C       0.02       202593_s_at       3C       0.02         213049_at       3C       0.02       1553704_x_at       3C       0.02         208612_at       3C       0.02       228454_at       3C       0.02         1554428_s_at       3C       0.02       201363_s_at       3C       0.02         223129_x_at       3C       0.02       232033_at       3C       0.02         200619_at       3C       0.02       210293_s_at       3C       0.02         218870_at       3C       0.02       226757_at       3C       0.02         225272_at       3C       0.02       223288_at       3C       0.02         225842_s_at       3C       0.02       223288_at       3C       0.02         22571_at       3C       0.02       20414_at       3C       0.02         226711_at       3C       0.02       20414_at       3C       0.02         2218037_at       3C       0.02       208767_s_at       3C       0.02         231809_x_at       3C       0.02       219547_at       3C       0.02<				220800 s at		
56829_at       3C       0.02       215438_x_at       3C       0.02         225277_at       3C       0.02       202593_s_at       3C       0.02         213049_at       3C       0.02       1553704_x_at       3C       0.02         208612_at       3C       0.02       228454_at       3C       0.02         1554428_s_at       3C       0.02       201363_s_at       3C       0.02         223129_x_at       3C       0.02       232033_at       3C       0.02         200619_at       3C       0.02       210293_s_at       3C       0.02         218870_at       3C       0.02       226757_at       3C       0.02         225272_at       3C       0.02       223288_at       3C       0.02         225842_s_at       3C       0.02       223288_at       3C       0.02         22571_at       3C       0.02       20414_at       3C       0.02         226711_at       3C       0.02       20414_at       3C       0.02         2218037_at       3C       0.02       208767_s_at       3C       0.02         231809_x_at       3C       0.02       219547_at       3C       0.02<	222912 at	3C	0.02	20000_3_ac	30	0.02
225277_at       3C       0.02       202593_s_at       3C       0.02         213049_at       3C       0.02       1553704_x_at       3C       0.02         208612_at       3C       0.02       228454_at       3C       0.02         1554428_s_at       3C       0.02       201363_s_at       3C       0.02         223129_x_at       3C       0.02       232033_at       3C       0.02         200619_at       3C       0.02       210293_s_at       3C       0.02         218870_at       3C       0.02       226757_at       3C       0.02         225272_at       3C       0.02       223288_at       3C       0.02         225842_s_at       3C       0.02       202414_at       3C       0.02         226711_at       3C       0.02       208767_s_at       3C       0.02         231973_s_at       3C       0.02       216537_s_at       3C       0.02         231809_x_at       3C       0.02       219547_at       3C       0.02         234210_at       3C       0.02       218940_at       3C       0.02         22078_at       3C       0.02       221310_at       3C       0						
213049 at 3C 0.02						
208612_at       3C       0.02       228454_at       3C       0.02         1554428_s_at       3C       0.02       201363_s_at       3C       0.02         223129_x_at       3C       0.02       232033_at       3C       0.02         200619_at       3C       0.02       210293_s_at       3C       0.02         218870_at       3C       0.02       226757_at       3C       0.02         225272_at       3C       0.02       223288_at       3C       0.02         205842_s_at       3C       0.02       202414_at       3C       0.02         226711_at       3C       0.02       208767_s_at       3C       0.02         218037_at       3C       0.02       216537_s_at       3C       0.02         231973_s_at       3C       0.02       232914_s_at       3C       0.02         231809_x_at       3C       0.02       219547_at       3C       0.02         24210_at       3C       0.02       218940_at       3C       0.02         220078_at       3C       0.02       227740_at       3C       0.02         22634_s_at       3C       0.02       227740_at       3C       0.0						
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223129_x_at       3C       0.02       232033_at       3C       0.02         200619_at       3C       0.02       210293_s_at       3C       0.02         218870_at       3C       0.02       226757_at       3C       0.02         225272_at       3C       0.02       223288_at       3C       0.02         205842_s_at       3C       0.02       202414_at       3C       0.02         226711_at       3C       0.02       208767_s_at       3C       0.02         218037_at       3C       0.02       216537_s_at       3C       0.02         231973_s_at       3C       0.02       232914_s_at       3C       0.02         231809_x_at       3C       0.02       219547_at       3C       0.02         34210_at       3C       0.02       218940_at       3C       0.02         209150_s_at       3C       0.02       212310_at       3C       0.02         222634_s_at       3C       0.02       227740_at       3C       0.02         205495_s_at       3C       0.02       223947_s_at       3C       0.02         204197_s_at       3C       0.02       221569_at       3C <td< td=""><td></td><td></td><td>0.02</td><td></td><td></td><td></td></td<>			0.02			
200619_at       3C       0.02       210293_s_at       3C       0.02         218870_at       3C       0.02       226757_at       3C       0.02         225272_at       3C       0.02       223288_at       3C       0.02         205842_s_at       3C       0.02       202414_at       3C       0.02         226711_at       3C       0.02       208767_s_at       3C       0.02         218037_at       3C       0.02       216537_s_at       3C       0.02         231973_s_at       3C       0.02       232914_s_at       3C       0.02         231809_x_at       3C       0.02       219547_at       3C       0.02         34210_at       3C       0.02       218940_at       3C       0.02         209150_s_at       3C       0.02       212310_at       3C       0.02         220078_at       3C       0.02       227740_at       3C       0.02         205495_s_at       3C       0.02       231876_at       3C       0.02         204500_s_at       3C       0.02       223947_s_at       3C       0.02         205230_at       3C       0.02       225243_s_at       3C       0	<del></del>			<b>— —</b>		
218870_at       3C       0.02       226757_at       3C       0.02         225272_at       3C       0.02       223288_at       3C       0.02         205842_s_at       3C       0.02       202414_at       3C       0.02         226711_at       3C       0.02       208767_s_at       3C       0.02         218037_at       3C       0.02       216537_s_at       3C       0.02         231973_s_at       3C       0.02       232914_s_at       3C       0.02         231809_x_at       3C       0.02       219547_at       3C       0.02         34210_at       3C       0.02       218940_at       3C       0.02         209150_s_at       3C       0.02       212310_at       3C       0.02         220078_at       3C       0.02       227740_at       3C       0.02         222634_s_at       3C       0.02       231876_at       3C       0.02         204500_s_at       3C       0.02       223947_s_at       3C       0.02         204197_s_at       3C       0.02       221569_at       3C       0.02         205230_at       3C       0.02       225243_s_at       3C       0						
225272_at       3C       0.02       223288_at       3C       0.02         205842_s_at       3C       0.02       202414_at       3C       0.02         226711_at       3C       0.02       208767_s_at       3C       0.02         218037_at       3C       0.02       216537_s_at       3C       0.02         231973_s_at       3C       0.02       232914_s_at       3C       0.02         231809_x_at       3C       0.02       219547_at       3C       0.02         34210_at       3C       0.02       218940_at       3C       0.02         209150_s_at       3C       0.02       212310_at       3C       0.02         220078_at       3C       0.02       227740_at       3C       0.02         225495_s_at       3C       0.02       231876_at       3C       0.02         204500_s_at       3C       0.02       223947_s_at       3C       0.02         205230_at       3C       0.02       225243_s_at       3C       0.02         202378_s_at       3C       0.02       212020_s_at       3C       0.02						
205842_s_at       3C       0.02       202414_at       3C       0.02         226711_at       3C       0.02       208767_s_at       3C       0.02         218037_at       3C       0.02       216537_s_at       3C       0.02         231973_s_at       3C       0.02       232914_s_at       3C       0.02         231809_x_at       3C       0.02       219547_at       3C       0.02         34210_at       3C       0.02       218940_at       3C       0.02         209150_s_at       3C       0.02       212310_at       3C       0.02         220078_at       3C       0.02       227740_at       3C       0.02         222634_s_at       3C       0.02       231876_at       3C       0.02         204500_s_at       3C       0.02       223947_s_at       3C       0.02         204197_s_at       3C       0.02       221569_at       3C       0.02         205230_at       3C       0.02       225243_s_at       3C       0.02         202378_s_at       3C       0.02       212020_s_at       3C       0.02						
226711_at       3C       0.02       208767_s_at       3C       0.02         218037_at       3C       0.02       216537_s_at       3C       0.02         231973_s_at       3C       0.02       232914_s_at       3C       0.02         231809_x_at       3C       0.02       219547_at       3C       0.02         34210_at       3C       0.02       218940_at       3C       0.02         209150_s_at       3C       0.02       212310_at       3C       0.02         220078_at       3C       0.02       227740_at       3C       0.02         222634_s_at       3C       0.02       231876_at       3C       0.02         205495_s_at       3C       0.02       202635_s_at       3C       0.02         204500_s_at       3C       0.02       223947_s_at       3C       0.02         205230_at       3C       0.02       225243_s_at       3C       0.02         202378_s_at       3C       0.02       212020_s_at       3C       0.02				<del>-</del>		
218037 at 3C 0.02 216537 s at 3C 0.02 231973 s at 3C 0.02 232914 s at 3C 0.02 231809 x at 3C 0.02 219547 at 3C 0.02 34210 at 3C 0.02 218940 at 3C 0.02 209150 s at 3C 0.02 212310 at 3C 0.02 220078 at 3C 0.02 227740 at 3C 0.02 222634 s at 3C 0.02 231876 at 3C 0.02 205495 s at 3C 0.02 204500 s at 3C 0.02 204197 s at 3C 0.02 205230 at 3C 0.02 225243 s at 3C 0.02 205230 at 3C 0.02 225243 s at 3C 0.02 202378 s at 3C 0.02 212020 s at 3C 0.02 202378 s at 3C 0.02 212020 s at 3C 0.02						
231973 s at 3C 0.02 232914 s at 3C 0.02 231809 x at 3C 0.02 219547 at 3C 0.02 34210 at 3C 0.02 218940 at 3C 0.02 209150 s at 3C 0.02 212310 at 3C 0.02 220078 at 3C 0.02 227740 at 3C 0.02 22634 s at 3C 0.02 231876 at 3C 0.02 205495 s at 3C 0.02 204500 s at 3C 0.02 204197 s at 3C 0.02 205230 at 3C 0.02 205230 at 3C 0.02 225243 s at 3C 0.02 202378 s at 3C 0.02 212020 s at 3C 0.02 202378 s at 3C 0.02 212020 s at 3C 0.02						
231809 x at 3C 0.02 219547 at 3C 0.02 34210 at 3C 0.02 218940 at 3C 0.02 209150 s at 3C 0.02 212310 at 3C 0.02 220078 at 3C 0.02 227740 at 3C 0.02 222634 s at 3C 0.02 231876 at 3C 0.02 205495 s at 3C 0.02 204500 s at 3C 0.02 204197 s at 3C 0.02 204197 s at 3C 0.02 205230 at 3C 0.02 205230 at 3C 0.02 202378 s at 3C 0.02 212020 s at 3C 0.02 202378 s at 3C 0.02 212020 s at 3C 0.02						
34210_at       3C       0.02       218940_at       3C       0.02         209150_s_at       3C       0.02       212310_at       3C       0.02         220078_at       3C       0.02       227740_at       3C       0.02         222634_s_at       3C       0.02       231876_at       3C       0.02         205495_s_at       3C       0.02       202635_s_at       3C       0.02         204500_s_at       3C       0.02       223947_s_at       3C       0.02         205230_at       3C       0.02       225243_s_at       3C       0.02         202378_s_at       3C       0.02       212020_s_at       3C       0.02						
209150 s at 3C 0.02       212310 at 3C 0.02         220078 at 3C 0.02       227740 at 3C 0.02         222634 s at 3C 0.02       231876 at 3C 0.02         205495 s at 3C 0.02       202635 s at 3C 0.02         204500 s at 3C 0.02       223947 s at 3C 0.02         204197 s at 3C 0.02       221569 at 3C 0.02         205230 at 3C 0.02       225243 s at 3C 0.02         202378 s at 3C 0.02       212020 s at 3C 0.02				<del></del>		
220078_at       3C       0.02       227740_at       3C       0.02         222634_s_at       3C       0.02       231876_at       3C       0.02         205495_s_at       3C       0.02       202635_s_at       3C       0.02         204500_s_at       3C       0.02       223947_s_at       3C       0.02         204197_s_at       3C       0.02       221569_at       3C       0.02         205230_at       3C       0.02       225243_s_at       3C       0.02         202378_s_at       3C       0.02       212020_s_at       3C       0.02						
222634 s at 3C       0.02       231876 at 3C       0.02         205495 s at 3C       0.02       202635 s at 3C       0.02         204500 s at 3C       0.02       223947 s at 3C       0.02         204197 s at 3C       0.02       221569 at 3C       0.02         205230 at 3C       0.02       225243 s at 3C       0.02         202378 s at 3C       0.02       212020 s at 3C       0.02	<del></del>					
205495_s_at       3C       0.02       202635_s_at       3C       0.02         204500_s_at       3C       0.02       223947_s_at       3C       0.02         204197_s_at       3C       0.02       221569_at       3C       0.02         205230_at       3C       0.02       225243_s_at       3C       0.02         202378_s_at       3C       0.02       212020_s_at       3C       0.02	<del></del>					
204500 s at 3C 0.02       223947 s at 3C 0.02         204197 s at 3C 0.02       221569 at 3C 0.02         205230 at 3C 0.02       225243 s at 3C 0.02         202378 s at 3C 0.02       212020 s at 3C 0.02						
204197_s_at       3C       0.02       221569_at       3C       0.02         205230_at       3C       0.02       225243_s_at       3C       0.02         202378_s_at       3C       0.02       212020_s_at       3C       0.02	205495_s_at			20 <b>2635_</b> s_at	3C	0.02
205230_at 3C 0.02 225243_s_at 3C 0.02 202378_s_at 3C 0.02 212020_s_at 3C 0.02						
202378_s_at 3C 0.02 212020_s_at 3C 0.02					3C	0.02
		3C			3C	
32032_at 3C 0.02 225925_s_at 3C 0.02		3C			3C	0.02
	32032_at	3C	0.02	225925_s_at	3C	0.02

206364_at	3C	0.02	217743_s_at	3C	0.02
218465 at	3C	0.02	208861 s at		0.02
203042 at	3C	0.02	<b>_</b>	3¢	0.02
205711 x at		0.02	218527 at		0.02
224856_at		0.02	155524 <u>1</u> at		0.02
222887_s_at	3C	0.02	205471 s_at	3C	0.02
200759 x at	3C 3C	0.02	223442 at	3C	
202630_at	3C	0.02	223442_at 204351_at	3C	0.02
200809 x at	3C	0.02		3C	
208152_s_at		0.02	225965 at		
219538 at	3C	0.02			
219538_at 201027_s_at	3C	0.02	238562_at 218562_s_at	3C	0.02
212527 at	3C	0.02	218534_s_at	3C	0.02
218240_at	3C	0.02	217823 s_at	3C	0.02
202974_at	3C	0.02	223289_s_at	3C	0.02
202974_at 205642_at 201832_s_at	3C	0.02	222992_s_at	3C	0.02
201832_s_at	3C	0.02	201037_at	3C	0.02
225065_x_at	3C	0.02	1553993_s_at	3C	0.02
213980_s_at	3C	0.02	213387_at		
202068_s_at	3C	0.02	203566 <u>s_at</u>	3C	
202068_s_at 236846_at 200990_at	3C	0.02	1555613 <u>a</u> _at	3C	0.02
200990_at	3C	0.02	205219_s_at		
212334_at	3C	0.02	209734_at		
232030_at	3C	0.02	202557_at		0.02
232030_at 212262_at 218889_at	3C	0.02	218769_s_at 208070_s_at	3C	0.02
218889_at	3C	0.02	208070_s_at	3C	0.02
212677_s_at		0.02	214473 <u> </u>		
218896_s_at	3C	0.02	213314_at		
205726_at 212492_s_at	3C	0.02	204972_at	3C	
212492_s_at	3C	0.02	202948 at	3C	0.02
209474_s_at		0.02	203814_s_at		
203133_at	30	0.02	201912_s_at		
205510_s_at 202529_at 226828_s_at	30	0.02	225392_at		0.02
202329_at	30	0.02 0.02	207176_s_at 223227_at	3C	0.02
243589 at	3C	0.02		3C	0.02
234486_at	30	0.02	203857_s_at 202307_s_at		0.02
201993 x at	3C	0.02	202307_s_at 201202 at	3C	
234486_at 201993_x_at 201995_at	30	0.02	201202_ac 224377_s_at	30	0.02
235463 s at	3C	0.02	228308 at	3C	0.02
226366_at		0.02	201377 at		
226861 at	3C	0.02	214163 at	3C	0.02
204258 at	3C	0.02	202039 at	3C	0.02
205483 s at	3C	0.02	221864 at	3C	0.02
219093 at	3C	0.02	222987 s at	3C	0.02
212335_at	3C	0.02	200834_s_at	3C	0.02
216341 s at	3C	0.02	204373 s at	3C	0.02
35671 at	3C	0.02	200888 s at	3C	
23577 <del>5</del> _at	3C	0.02	1567458 s at	3C	0.02
218827_s_at	3C	0.02	203912 s at	3C	0.02
201608_s_at	3C	0.02	218979_at	3C	0.02
202116_at	3C	0.02	203203_s_at	3C	0.02
209141_at	3C	0.02	224701_at	3C	0.03
203037_s_at	3C	0.02	224511 <u>s_at</u>	3C	0.03
225313_at	3C	0.02	217916_s_at	3C	0.03
240801_at	3C	0.02	204466 <u>s</u> at	3C	0.03
201258_at	3C	0.02	203956_at	3C	0.03
	3C	0.02	201695_s_at	3C	0.03
	3C	0.02	209960_at	3C	0.03
208066_s_at	3C	0.02	224474_x_at	3C	0.03
205256_at	3C	0.02	213352_at	3C	0.03
201606_s_at	3C	0.02	204562_at	3C	0.03
218191_s_at	3C	0.02	227775_at	3C	0.03
1555775_a_at	3C	0.02	205081_at	3C	0.03

203777 s at	3C	0.03	223738 s at	.3C	0.03
225686_at		0.03	229367_s_at	3C	
214366_s_at	3C	0.03	22 <b>4</b> 719 s at	3C	0.03
222745 s at	3C	0.03	220140 s at	3C	0.03
225364_at	3C	0.03	209067_s_at	3C	0.03
208990 s at	3C	0.03	219505 at	3C	0.03
	3C	0.03			
			200038_s_at	3C	0.03
215193 x at	3C	0.03	203825_at	3C	0.03
	3C	0.03	223602 at	3C	0.03
231918 s at	20		223602_at 201519_at		
		0.03		3C	0.03
219613 s at	3C	0.03	1555491 a at	3C	0.03
240413 at	30	0.03	202496 at	3C	
219290_x_at 202820 at	3C	0.03	226465_s_at	3C	0.03
202820 at	3C	0.03	218263 s at	3C	0.03
206267 s at	3.0	0.03	233841 s at	3C	0.03
				SC	0.03
1556283 s at	3C	0.03	1560821 at	3C	0.03
215838_at	3C	0.03	204070 at	3C	0.03
217966 25	30		217022		
217866_at 204703_at	3C	0.03	217923_at 222493_s_at	3C	0.03
204703 at	3C	0.03	222493 s at	3C	0.03
218531 at	30	0.03	227475_at	3C	
210001_40	20	0.05	22/4/5_40		
225145_at	3C	0.03	224723_x_at	3C	
1568934 at	3C	0.03	227132_at	3C	0.03
1568934_at 218983 at	3.0	0.03	201960 s at	3C	0.03
210903_ac	30		201960_S_at		
216338_s_at	3C	0.03	217147_s_at	3C	0.03
203818 s at	3C	0.03	208116 s at	3C	0.03
212927_at	30	0.03	203246_s_at	3C	0.03
218443_s_at 202184_s_at	3C	0.03	209155 s at	3C	0.03
202184 s at	3C	0.03	214800 x at	3C	0.03
203344_s_at		0.03	224787 <u>s</u> at	3C	
219854_at	3C	0.03	1554334 a at	3C	0.03
		0.03	$211714\overline{x}$ at	3C	0.03
205340_at 204786_s_at	20				
204/86_S_at	30	0.03	201670_s_at	3C	0.03
218888 s at	3C	0.03	201476 s at	3C	0.03
203742 s at	3C	0.03	225707 at	3C	
228106_at	3C	0.03	219079_at	3C	0.03
225210 s at	3C	0.03	201892 s at	3C	0.03
217725 x at		0.03	224173_s_at	3C	0.03
239163_at	3C	0.03	223145_s_at	3C	0.03
1568720_at	3C	0.03	223253_at	3C	0.03
200675 at	30	0.03	225711 2+		0.03
200075_ac	3C 3C		225711_at 201043_s_at	30	
219125_s_at	3C	0.03	201043_s_at	3C	0.03
201472 at	3C	0.03	203497 at		0.03
213111 at	3C	0.03	219759 at	3C	0.03
223062 <u>s</u> at	3C	0.03	219013_at	3C	0.03
207186 s at	3C	0.03	205040 at	3C	0.03
239377 at	3C	0.03		3C	
_					
	3C	0.03	228573_at	3C	
226060_at	3C	0.03	238642_at	3C	0.03
	3C	0.03	212842 x at	3C	
223703_at	20				0.03
218370_s_at	3C	0.03	214553_s_at	3C	0.03
209288 s at	3C	0.03	200875 s at	3C	0.03
228183 s at	3C	0.03	225975 at	3C	0.03
227689_at	3C	0.03	218723_s_at	3C	0.03
202364 at	3C	0.03	215667 x at	3C	0.03
_		0.03			
1552942_at			1552703_s_at		
204747_at	3C	0.03	2075 <b>4</b> 3 s at	3C	0.03
243851 at	3C	0.03	219002 at	3C	0.03
58994_at	30	0.03	235683_at	3C	0.03
58994_at 202946_s_at	3C	0.03	211936 at	3C	0.03
202082 s at	3C	0.03	213626 at	3C	0.03
			<del></del>		
	3C	0.03	218142_s_at		
216652_s at	3C	0.03	224930_x_at	3C	0.03
212240 s at	3C	0.03	207625 s at	3C	0.03
1555037_a_at	30	0.03	221046_s_at	3C	0.03

212918 at	3C	0.03	224736 at	3C	0.04
$207943 \times at$	3C	0.03	200646_s_at	3C	0.04
1552863 a at		0.03	219520 s at	3C	0.04
211543 s at	3C	0.03	219062 s at	3C	0.04
226436 at	3C	0.03	214866_at	3C	0.04
212777_at	3C	0.03	227025 at	3C	0.04
52731 at	3C	0.03	227025_at 213349 at	3C	0.04
213620  s at		0.03	204328 at	3C	0.04
219802 at		0.03	211004 s at	3C	0.04
207563 s at		0.03	220288 at	3C	0.04
218458_at	3C	0.03	232683 s at	3C	0.04
200717 x at	3C	0.03	221830 at	3C	0.04
205067 at	3C	0.03	21 <b>2742</b> _at	3C	0.04
211005 at	3C	0.03	21005 <b>4</b> _at	3C	0.04
225181 at	3C	0.03	218331_s_at	3C	0.04
210540_s_at	3C	0.03	204630_s_at	3C	0.04
204415_at	3C	0.03	238974 <u>a</u> t	3C	0.04
211159_s_at	3C	0.03	20891 <b>4_</b> at	3C	
203113_s_at		0.03	204477 <u>a</u> t		0.04
203076_s_at	3C 3C	0.03	204063_s_at	3C	0.04
202717_s_at	3C	0.03	212191 <u>x</u> at		0.04
	3C	0.03	225517_at		
	3C	0.03	213501_at	3C	
233208_x_at	3C	0.03	212655_at 213226_at 228788_at	3C	0.04
217893 s at	3C	0.03	213226_at	3C	0.04
	3C	0.03	228788_at	3C	0.04
218841_at		0.03	200005_at		
	3C	0.03	205187_at		0.04
202497_x_at	3C	0.03	223300_s_at		0.04
200777_s_at	3C	0.03	206090_s_at		0.04
212973_at		0.03	2053 <b>49_</b> at	3C	0.04
214427_at	3C	0.03	209352_s_at	3C	0.04
1552584_at 202594_at	3C	0.03	212880_at 2020 <b>42</b> _at	3C	0.04
202594_at	3C	0.03	202042_at		0.04
235170_at		0.03	226811_at	3C	0.04
226669_at		0.03	202731_at		0.04
225698_at	3C 3C	0.03	203362_s_at		0.04
		0.03	219221_at 201462_at	3C	0.04
204225_at 223466 x at	3C		2014 <b>62</b> _at 203156 at	3C	0.04
	3C	0.03		3C 3C	$0.04 \\ 0.04$
201133_s_at 204567 s at	3C	0.03	219698_s_at 235125_x_at	3C	0.04
		0.03	233125_X_at 220755 s at	3C	0.04
1552660_a_at 206993 at	3C	0.03	220735_s_at 202290 at	3C	0.04
212862 at	3C	0.03	202290_at 220195 at	3C	0.04
221014 s at	3C	0.03	227521 at	3C	0.04
201178 at	3C	0.03	37950 at	3C	0.04
236133 x at	3C	0.03	213677 s at	3C	0.04
212674 s at	3C	0.03	213370 s at	3C	0.04
203487_s_at	3C	0.03	203461_at	3C	0.04
208407 s at	3C	0.03	204970 s at	3C	0.04
219375 at	3C	0.03	206632 s at	3C	0.04
224662 at	3C	0.03	211946 s at	3C	0.04
218984 at	3C	0.03	201353 s at	3C	0.04
207793 s at	3C	0.03	200869_at	3C	0.04
218854 at	3C	0.03	217888 s at	3C	0.04
204252 at	3C	0.03	210574 s at	3C	0.04
202224 at	3C	0.04	218158 s at	3C	0.04
203184 at	3C	0.04	218718 at	3C	0.04
210835 s at	3C	0.04	224994 at	3C	0.04
225539 at	3C	0.04	210889 s at	3C	0.04
211675 s at	3C	0.04	206743 s at	3C	0.04
211889 x at	3C	0.04	217969 at	3C	0.04
201729 s at	3C	0.04	1729 at	3C	0.04
			<del></del>		

200020 -+	30	0.04	224667	2.0	0 07 06
208920_at	3C		224667_x_at	3D	8.97e-06
202 <b>4</b> 18_at	3C	0.04	220439 <u>a</u> t	ЗD	8.97e-06
1569594 a at	3C	0.04	213956 at	3D	9.11e-06
239598 s at	3C	0.04	210244_at	3D	9.91e-06
			210244_46		
218018_at	3C	0.04	208718_at	3D	1.01e-05
208405_s_at	3C	0.04	210428 s at	3D	1.06e-05
214012 at	3C	0.04	201010_s_at	3D	1.06e-05
202479 s at	3C	0.04	218157 x at	3D	
					1.12e-05
215948_x_at	3C	0.04	224564_s_at	3D	1.13e-05
212558 at	3C	0.04	209458 x at	3D	1.13e-05
203234 at	3C	0.04	200033 at	3D	1.13e-05
$207131 \times at$	3C	0.04	202157_s_at	3D	
					1.14e-05
210279_at	3C	0.04	220980_s_at	3D	1.16e-05
208852 s at	3C	0.04	200983 x at	3D	1.16e-05
214048 at	3C	0.04	244766 at	3D	1.17e-05
202249 s at	3C	0.04	222913_at		
			222913_at	3D	1.17e-05
200968_s_at	3C	0.04	220000 <u>a</u> t	3D	1.24e-05
219929_s_at	3C	0.04	229120 s at	3D	1.39e-05
206848 at	3C	0.04	203694 s at	3D	1.48e-05
231271_x_at	3C	0.04	1555866 a at		
2512/1_x_ac					1.49e-05
1553703_at	3C	0.04	219049_at	3D	1.51e-05
217914_at	3C	0.04	225208 s at	3D	1.52e-05
203885 at	3C	0.04	220712 at	3D	1.52e-05
201060 x at		2.81e-08	205756_s_at	3D	1.57e-05
			203730_S_at		
209240_at		8.4e-08	211699 <u>x</u> at	3D	1.73e-05
218064_s_at	3D	1.46e-07	215207 x at	3D	1.75e-05
201061 s at	3D	2.2e-07	210648 x at	3D	1.75e-05
203560 at		2.43e-07	205546 s at	3D	1.75e-05
201057_s_at	3D	2.48e-07	200041_s_at	3D	1.75e-05
203744_at	3D	4.13e-07	224707 at	3D	1.76e-05
219421 at	3D	4.41e-07	202031 s at	3D	1.78e-05
202955 s at	3D	4.99e-07	202522 at	3D	1.78e-05
203723_at	3D	7.04e-07	212359_s_at	3D	1.94e-05
238701_x_at	3D	7.87e-07	217868_s_at	ЗD	2.09e-05
91682 at	3D	7.9e-07	230529 at	ЗD	2.1e-05
$213545 \times at$	3D	1.47e-06	219040 at	3D	2.13e-05
202104_s_at	3D	1.71e-06			
			220046_s_at	3D	2.3e-05
1553718_at	3D	1.73e-06	213347_x_at		2.3e-05
227833_s_at	3D	1.75e-06	1555606 a at	ЗD	2.43e-05
208246 x at	3D	1.91e-06	203021 at		2.47e-05
1562511 at	3D	1.91e-06	243981 at	3D	2.56e-05
203317_at	3D	2.02e-06	224965 <u>a</u> t	3D	2.59e-05
225787_at	3D	2.09e-06	218920_at	3D	2.65e-05
244756 at	3D	2.34e-06	$217414 \times at$	3D	2.66e-05
204404 at	3D	2.59e-06	203900 at	3D	2.76e-05
213932_x_at	3D	3.03e-06			
			212753_at	3D	2.82e-05
234631_at	3D	3.58e-06	236436_at	3D	2.94e-05
206044_s_at	3D	3.66e-06	219594 at	3D	3.05e-05
208781 x at	3D	3.83e-06	210638 s at	3D	3.05e-05
204158 s at	3D	4.11e-06	209430 at	3D	3.22e-05
220071_x_at	3D	4.92e-06	209116_x_at	3D	3.34e-05
205786_s_at	3D	4.94e-06	203442_x_at	3D	3.39e-05
202180 s at	3D	5.2e-06	201748 s at	3D	3.41e-05
1563497 at	3D	6.13e-06	206177 s at	3D	3.55e-05
200871_s_at	3D				
		6.22e-06	201972_at	3D	3.6e-05
214003_x_at	3D	6.47e-06	206676_at	3D	3.61e-05
234981_x_at	3D	6.64e-06	1553088 a at	3D	3.63e-05
201599 at	3D	6.8e-06	210981 s at	3D	3.65e-05
203943 at	3D	6.82e-06	204018 x at	3D	3.7e-05
222311_s_at	3D	7.78e-06	234671_at	3D	3.73e-05
219981_x_at	3D	8.34e-06	205312_at	3D	3.95e-05
213836 s at	3D	8.49e-06	207474 at	3D	3.95e-05
202361 at	3D	8.54e-06	200889 s at	3D	4.06e-05
1552302 at	3D	8.68e-06	200003_s_at	3D	
1332302_ac	עכ	0.000-00	20246U_S_at	שכ	4.17e-05

202377 at	3D	4.2e-05	219259 at	3D	8.43e-05
212969_x_at	3D	4.23e-05	208857_s_at	3D	8.52e-05
202891 at			200037_S_at		
	3D	4.33e-05	1554455_at	3D	8.52e-05
223857_x_at	3D	4.41e-05	208943_s_at	3D	8.55e-05
218079_s_at	3D	4.54e-05	202951_at	3D	8.8e-05
201055_s_at	3D	4.54e-05	212661 <u>x</u> at	3D	8.88e-05
202503_s_at	3D	4.6e-05	201475_x_at	3D	8.88e-05
200021_at	3D	4.6e-05	235479_at	3D	8.96e-05
203925_at	3D	4.77e-05	208835 s at	3D	8.96e-05
226091_s_at	3D	4.89e-05	201582 at	3D	8.96e-05
239740_at	3D	4.89e-05	202057 at	3D	9.05e-05
202957 at	3D	4.93e-05	200801 x at	3D	9.07e-05
209619 at	3D	4.97e-05	235816 s at	3D	9.14e-05
214665 s at	3D	5.05e-05	217728 at	3D	9.23e-05
201221_s_at	3D	5.12e-05	215336 at	3D	9.41e-05
211745_x_at	3D	5.18e-05	220933 s at	3D	9.51e-05
205583 s at	3D	5.28e-05	211696 x at	3D	9.53e-05
231735 s at	3D	5.33e-05	211030_x_at 210142 x at	3D	9.59e-05
205716 at	3D	5.67e-05	201136 at		
				3D	9.62e-05
225191_at		5.68e-05	212024_x_at	3D	9.78e-05
1563455_at	3D	5.77e~05	201554_x_at	3D	9.79e-05
204425_at	3D	5.83e-05	242048_at	3D	1.02e-04
222981_s_at		5.83e-05	36994_at	3D	1.03e-04
206035_at	3D	5.87e-05	220034_at	3D	1.03e-04
AFFX-			209140_x_at	3D	1.03e-04
hum_alu_at		5.96e-05	214938_x_at	3D	1.04e-04
221500_s_at	3D	6.0e-05	201369_s_at		1.04e-04
202841_x_at	3D	6.04e-05	203107_x_at		1.06e-04
209409_at	3D	6.16e-05	201891_s_at	3D	1.06e-04
212531_at	3D	6.24e-05	2195 <b>4</b> 9_s_at	3D	1.07e-04
78047_s_at	3D	6.27e-05	214135_at	3D	1.08e-04
220702_at	3D	6.37e-05	225218_at	3D	1.09e-04
44146_at	3D	6.58e-05	225563_at	3D	1.09e-04
214459_x_at	3D	6.6e-05	222605_at	3D	1.09e-04
208195_at	3D	6.6e-05	20951 <b>4</b> _s_at	3D	1.09e-04
214594_x_at	3D	6.67e-05	212706_at	3D	1.1e-04
206323_x_at	3D	6.68e-05	216526_x_at	3D	1.1e-04
219980_at	3D	6.72e-05	203729_at	3D	1.1e-04
213624_at	3D	6.78e-05	204164_at	3D	1.1e-04
202038_at	3D	6.78e-05	224561_s_at	3D	1.12e-04
207384_at	3D	6.86e-05	203839_s_at	ЗD	1.12e-04
212869_x_at	3D	6.87e-05	225 <b>4</b> 06_at	3D	1.13e-04
219672_at	3D	7.0e-05	218614_at	ЗD	1.13e-04
1558111_at	3D	7.04e-05	218310_at	3D	1.14e-04
213671_s_at	3D	7.06e-05	217232_x_at	3D	1.15e-04
220661_s_at	3D	7.1e-05	210962_s_at	3D	1.15e-04
208872_s_at	3D	7.1e-05	227811_at	3D	1.16e-04
208720_s_at	3D	7.1e-05	224585_x_at	3D	1.16e-04
202532_s_at	3D	7.16e-05	2189 <b>41</b> at	3D	1.21e-04
200998_s_at	3D	7.18e-05	207269 at	3D	1.23e-04
214414_x_at	3D	7.2e-05	208812_x_at	3D	1.23e-04
211749_s_at	3D	7.29e-05	208174 x at	3D	1.23e-04
202917_s_at	3D	7.32e-05	201805 at	3D	1.26e-04
217928 s at	3D	7.35e-05	212576 at	3D	1.28e-04
208039 at	3D	7.35e-05	204038 s at	3D	1.28e-04
207783 x at	3D	7.5e-05	221511 x at	3D	1.28e-04
201389 at	3D	7.64e-05	200797_s_at	3D	1.28e-04
224616 at	3D	7.68e-05	204714 s at	3D	1.3e-04
220446 s at	3D	7.82e-05	203370 s at	3D	1.3e-04
213867 x at	3D	7.91e-05	211504 x at	3D	1.31e-04
209057 x at	3D	8.16e-05	202624 s at	3D	1.33e-04
201315 x at	3D	8.19e-05	212988 x at	3D	1.35e-04
205513 at	3D	8.23e-05	206834 at	3D	1.42e-04
207730 x at	3D	8.38e-05	208919 s at	3D	1.45e-04
	-		<b></b>		

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208749 x at
              ЗD
                  1.46e-04
                                           202607 at
                                                             2.21e-04
                                                         3D
231922_at
                  1.48e-04
                                           203752 s at
              3D
                                                         3D
                                                             2.22e-04
                  1.48e-04
216231 s at
              ЗD
                                           202388 at
                                                         ЗD
                                                             2.22e-04
1570033 at
                                           202902_s_at
              ЗD
                  1.48e-04
                                                         3D
                                                             2.22e-04
                  1.5e-04
225649_s_at
              ЗD
                                           208695 s at
                                                         3D
                                                             2.22e-04
227467 at
              3D
                  1.51e-04
                                           200663 at
                                                         3D
                                                             2.26e-04
211995_x_at
                                           209773_s_at
              3D
                  1.53e-04
                                                         3D
                                                             2.3e-04
227233_at
              3D
                  1.55e-04
                                                             2.32e-04
                                           211275_s_at
                                                         3D
201395_at
              ЗD
                  1.56e-04
                                           205557_at
                                                         3D
                                                             2.33e-04
202573_at
                                           214523_at
              3D
                  1.57e-04
                                                         3D
                                                              2.37e-04
203198_at
              3D
                  1.57e-04
                                           202379_s_at
                                                         3D
                                                              2.38e-04
203455 s at
              3D
                  1.59e-04
                                           210556_at
                                                         3D
                                                              2.4e-04
AFFX-HUMGAPDH/
                                           205068_s_at
                                                         3D
                                                              2.4e-04
M33197
              3D
                  1.6e-04
                                           220949 s at
                                                         3D
                                                             2.41e-04
200650 s at
              3D
                  1.6e-04
                                           201721_s_at
                                                         3D
                                                             2.41e-04
222217_s_at
              3D
                  1.61e-04
                                           221804_s_at
                                                         3D
                                                             2.43e-04
                  1.61e-04
200031 s at
              3D
                                           201605_x_at
                                                             2.44e-04
                                                         3D
                  1.63e-04
225374 at
              3D
                                           209806 at
                                                         3D
                                                             2.45e-04
211742 s at
              3D
                  1.63e-04
                                           202187 s at
                                                         3D
                                                             2.45e-04
                  1.63e-04
205863 at
              3D
                                           202682 s at
                                                         3D
                                                             2.45e-04
                  1.65e-04
213453 \times at
              3D
                                           219033 at
                                                         3D
                                                             2.46e-04
                  1.66e-04
219371_s_at
              ЗD
                                           203318 s at
                                                         ЗD
                                                             2.46e-04
221619_s_at
              ЗD
                  1.67e-04
                                           212307 s at
                                                         ЗD
                                                             2.49e-04
32259 at
              ЗD
                  1.68e-04
                                           205554 s at
                                                         ЗD
                                                             2.49e-04
218776 s at
              ЗD
                  1.69e-04
                                           225640 at
                                                         3D
                                                             2.5e-04
                                           209762 x_at
205865 at
              3D
                  1.69e-04
                                                         3D
                                                              2.5e-04
217817 at
              3D
                  1.71e-04
                                           200077 s at
                                                             2.52e-04
                                                         3D
206209 s at
              3D
                  1.71e-04
                                           204959 at
                                                             2.53e-04
                                                         3D
232946 s at
              ЗD
                  1.72e-04
                                           203502 at
                                                         3D
                                                             2.54e-04
                                           1554892 a at 3D
37796 at
              3D
                  1.72e-04
                                                             2.56e-04
218595 s at
              3D
                  1.72e-04
                                           213515 x at
                                                         3D
                                                             2.6e-04
211657 at
              3D
                  1.72e-04
                                           218578 at
                                                         3D
                                                              2.63e-04
219359 at
                  1.73e-04
              ЗD
                                           203110 at
                                                         3D
                                                              2.67e-04
74694 s at
                  1.8e-04
              ЗD
                                           160020 at
                                                         3D
                                                             2.69e-04
210858 x_at
              ЗD
                  1.81e-04
                                           203254 s at
                                                         ЗD
                                                              2.7e-04
                  1.84e-04
220238_s_at
              ЗD
                                           212222 at
                                                         ЗD
                                                              2.73e-04
                  1.85e-04
213034 at
              3D
                                           202990 at
                                                         3D
                                                              2.83e-04
203282 at
                  1.86e-04
              3D
                                           219797_at
                                                         3D
                                                              2.88e-04
1553569 at
              3D
                  1.87e-04
                                           213198_at
                                                         3D
                                                              2.91e-04
201492_s_at
              3D
                  1.87e-04
                                           38710 at
                                                         3D
                                                              2.92e-04
                                           203523 at
221208_s_at
              3D
                  1.88e-04
                                                         3D
                                                              2.92e-04
202466 at
              3D
                  1.88e-04
                                           155450\overline{3} a at 3D
                                                              2.98e-04
                                                              2.99e-04
206257 at
              3D
                  1.91e-04
                                           220416 at
                                                         3D
208651_x_at
              3D
                  1.94e-04
                                           37028 at
                                                         3D
                                                              3.0e-04
224250_s_at
              3D
                  1.99e-04
                                           207801 s at
                                                         ЗD
                                                              3.01e-04
37652 at
              3D
                  2.0e-04
                                           219156 at
                                                         3D
                                                              3.02e-04
213280 at
              3D
                  2.01e-04
                                           221474 at
                                                         ЗD
                                                              3.07e-04
1552553 a at
             3D
                  2.01e-04
                                           200985 s at
                                                         3D
                                                              3.07e-04
                  2.03e-04
218600 at
              3D
                                           210004 at
                                                         3D
                                                              3.11e-04
202107 s at
              3D
                  2.04e-04
                                           212203 x at
                                                         3D
                                                              3.11e-04
201576 s at
                  2.08e-04
              3D
                                           225250 at
                                                         3D
                                                              3.16e-04
                  2.09e-04
                                           214084 x at
203535 at
              ЗD
                                                         3D
                                                              3.16e-04
227094 at
              3D
                  2.1e-04
                                           218231 at
                                                         3D
                                                              3.16e-04
218039_at
              3D
                  2.11e-04
                                           205400 at
                                                         3D
                                                              3.16e-04
                                           208898_at
201071_x_at
              ЗD
                  2.11e-04
                                                          3D
                                                              3.16e-04
203034_s_at
              3D
                  2.12e-04
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                                                              3.18e-04
                  2.13e-04
218599_at
              3D
                                           1557915_s_at 3D
                                                              3.18e-04
215832_x_at
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                                                              3.18e-04
                                           213119_at
227905_s_at
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                                                              3.21e-04
211883_x_at
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                  2.16e-04
                                           202431_s_at
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                                                              3.22e-04
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                  2.17e-04
206790_s_at
                                           208486 at
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201903_at
              3D
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                                                         ЗD
                                                              3.3e-04
210186 s at
              3D
                  2.21e-04
                                                         3D
                                                              3.3e-04
                                           218950 at
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223097 at	3D	3.35e-04	222025	20	4 64- 04
			222825_at	3D	4.64e-04
208012_x_at	3D	3.35e-04	225251_at	3D	4.7e-04
202681_at	3D	3.37e-04	222156_x_at	3D	4.7e-04
AFFX-HSAC07/			220881 at	3D	4.7e-04
X00351 M	3D	3.38e-04	205950 s at	3D	4.75e-04
200763 s at	3D	3.41e-04	208825 x at	3D	4.77e-04
220408 x at	3D	3.42e-04	204446_s_at	3D	4.83e-04
204192 at	3D	3.42e-04	211581 x at		
				3D	4.84e-04
203459_s_at	3D	3.45e-04	205237_at	3D	4.84e-04
201356_at	3D	3.45e-04	227207_x_at	3D	4.85e-04
209512_at	3D	3.47e-04	212271_at	3D	4.85e-04
216993_s_at	3D	3.48e-04	217733_s_at	3D	4.9e-04
211779_x_at	3D	3.49e-04	220945 x at	3D	4.9e-04
211040 x at	3D	3.49e-04	201301_s_at	3D	4.92e-04
202910 s at	3D	3.57e-04	233072 at	3D	4.94e-04
226177 at	3D	3.58e-04	204478 s at	3D	4.94e-04
207674 at	3D	3.58e-04	222447 at	3D	4.94e-04
213341 at	3D	3.64e-04	212015 x at	3D	4.98e-04
204633 s at	3D	3.65e-04	219457 s at	3D	
209005_s_ac 209906 at		3.66e-04			5.01e-04
	3D		226566_at	3D	5.02e-04
203006_at	3D	3.66e-04	223993_s_at	3D	5.02e-04
1553588_at	3D	3.66e-04	212780_at	3D	5.02e-04
1554670_at	3D	3.67e-04	212227_x_at	3D	5.02e-04
202426_s_at	3D	3.7e-04	200999 s at	3D	5.04e-04
202499_s_at	3D	3.7e-04	89476 r at	3D	5.08e-04
222435 s at	3D	3.72e-04	91952 at	3D	5.12e-04
200791 s at	3D	3.72e-04	$21334\overline{0}$ s at	3D	5.15e-04
202545 at	3D	3.78e-04	202302 s at	3D	5.15e-04
220615 s at	3D	3.84e-04	222262_s_at	3D	5.17e-04
201357 s at	3D	3.88e-04			
201337_s_ac 201716 at			201550_x_at		5.19e-04
	3D	3.89e-04	201096_s_at		5.19e-04
217732_s_at	3D	3.9e-04	209770_at		5.22e-04
221547_at	3D	3.91e-04	200634_at	3D	5.23e-04
205255_x_at	3D	3.91e-04	224414_s_at	3D	5.27e-04
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221875_x_at	3D	3.93e-04	235396_at	3D	5.32e-04
213051_at	3D	3.94e-04	201914 s at	3D	5.33e-04
209007_s_at	3D	3.94e-04	227379 at	3D	5.35e-04
211997 x at	3D	3.97e-04	71933 at	3D	5.35e-04
207243 s at	3D	3.97e-04	218583_s_at	3D	5.36e-04
204039 at	3D	3.99e-04	211978 x at	3D	5.37e-04
40149_at .	3D	4.01e-04	219095 at	3D	5.46e-04
205550 s at	3D .	4.04e-04	225076 s at	3D	5.5e-04
204026 s at	3D	4.09e-04			
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	3D	4.09e-04	225830_at	3D	5.53e-04
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218873_at	3D	4.19e-04	244495_x_at	3D	5.73e-04
201288_at	3D	4.21e-04	204007 at	3D	5.74e-04
201118_at	3D	4.24e-04	212835 at	3D	5.75e-04
227869 at	3D	4.27e-04	213483 at	3D	5.75e-04
$211940^{-}$ x at	3D	4.3e-04	201388 at	3D	5.75e-04
225132 at	3D	4.37e-04	1552343 s at		5.86e-04
221607 x at	3D	4.38e-04	1554510 s at		5.88e-04
235568 at					
1553749 at	3D	4.41e-04	204308_s_at	3D	5.98e-04
_	3D	4.41e-04	200890_s_at	3D	5.98e-04
1552347_at	3D	4.44e-04	218303_x_at	3D	6.04e-04
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212159_x_at	3D	4.61e-04	1553567_s_at		6.14e-04
232520_s_at	3D	4.62e-04	201531_at	3D	6.19e-04
218192_at	3D	4.62e-04	1554624_a_at	3D	6.21e-04
222442_s_at	3D	4.62e-04	208632 at	3D	6.25e-04
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              3D
202275 at
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                                           224789 at
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              ЗD
                                                         ЗD
1553570 x at 3D
                  6.31e-04
                                           210017 at
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1553269 at	3D	5.062297e-03	222507 s at	ЗD	5.643247e-03
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204554_at	3D	5.067147e-03	212429_s_at	3D	5.651719e-03
214129_at	3D	5.070998e-03	223047_at	3D	5.652186e-03
202534_x_at	3D	5.070998e-03	205 <b>4</b> 36_s_at	ЗD	5.656455e-03
208678_at	3D	5.075638e-03	22 <b>4</b> 958_at	ЗD	5.666721e-03
226496_at	ЗD	5.076622e-03	213646_x_at	3D	5.708616e-03
1554167_a_at	3D	5.09145e-03	22 <b>4</b> 573_at	3D	5.72064e-03
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1557966_x_at	3D	5.118368e-03	204019_s_at	3D	5.736321e-03
212518_at	3D	5.118549e-03	213746_s_at	3D	5.737499e-03
217978_s_at	3D	5.118549e-03	227540_at	3D	5.767802e-03
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218154_at	3D	5.125262e-03	203312_x_at	3D	5.767802e-03
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221203_s_at 219859_at	3D	5.13632e-03	213974_at	3D	5.799827e-03
219392 x at	3D 3D	5.152967e-03 5.173231e-03	202596_at 225228 at	3D 3D	5.813278e-03 5.813331e-03
219392_x_ac 220577 at	3D	5.184804e-03	206688 s at	3D	5.818293e-03
225737 s at	3D	5.208082e-03	200000_s_at 201483 s at	3D	5.818662e-03
201104 x at	3D	5.208403e-03	200949 x at	3D	5.824864e-03
236267 at	3D	5.209906e-03	211417 x at	3D	5.843743e-03
212194 s at	3D	5.238802e-03	217865 at	3D	5.846816e-03
222127 s at	3D	5.239034e-03	1553561 at	3D	5.85038e-03
202651 at	3D	5.239034e-03	223303 at	3D	5.852615e-03
205949 at	3D	5.241265e-03	242056 at	3D	5.852812e-03
206218 at	3D	5.247426e-03	33304 at	3D	5.862908e-03
207697 <sup>-</sup> x at	3D	5.256257e-03	$20365\overline{1}$ at	3D	5.91748e-03
218237_s_at	3D	5.257165e-03	208886 at	3D	5.91748e-03
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224782_at	3D	5.314106e-03	225281_at	ЗD	5.96124e-03
219734_at	3D	5.329774e-03	214150_x_at	3D	5.964354e-03
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208929_x_at 212872 s at	3D 3D	5.444986e-03 5.473124e-03	201153_s_at 203656 at	3D	6.099279e-03
201422 at	3D	5.473124e-03	203636_at 214112 s at	3D	6.113031e-03 6.114241e-03
219014 at	3D	5.487854e-03	200781 s at	3D 3D	6.114241e-03
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200001 at	3D	5.534135e-03	54037 at	3D	6.174655e-03
203966 s at	3D	5.539092e-03	214377 s at	3D	6.199844e-03
203691 at	3D	5.546564e-03	206025 s at	3D	6.225411e-03
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201558 at	3D	6.225411e-03	225205_at	3D	6.940509e-03
$205147^{-}$ x at	ЗD	6.229392e-03	200754 x at	3D	6.940509e-03
201824 at					
	3D	6.245744e-03	204882_at	3D	6.953964e-03
203309_s_at	3D	6.29822e-03	212830 at	3D	6.974216e-03
230748 at	3D	6.303668e-03	217869 at	3D	7.004405e-03
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210187_at	3D	6.32897e-03	223454 at	3D	7.03782e-03
202886 s at	3D	6.32897e-03	202446 s at	3D	7.03782e-03
213798 s at	3D				
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210401_at	ЗD	6.353703e-03	207654 x at	3D	7.053448e-03
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	3D	6.362112e-03			
212948_at			215629_s_at	3D	7.09905e-03
201337_s_at	ЗD	6.379391e-03	203547_at	3D	7.09905e-03
208052 x at	3D	6.398047e-03	218807 at	3D	7.107909e-03
224866 at	3D	6.424518e-03	209044 x at	3D	7.117075e-03
208374_s_at	3D	6.424518e-03	213775_x_at	3D	7.168062e-03
212543 at	3D	6.432793e-03	215245 x at	3D	7.168062e-03
212403 at	3D	6.442801e-03	212039 x at	3D	7.168062e-03
222590_s_at	3D	6.446753e-03	201168_x_at	3D	7.179763e-03
2177 <b>4</b> 8 at	ЗD	6.452432e-03	220023 at	3D	7.190705e-03
223387 at	3D	6.453849e-03	203761 at	3D	7.193142e-03
217819_at	3D	6.465225e-03	202746_at	3D	7.19883e-03
222895_s_at	3D	6.466486e-03	214771_x_at	3D	7.202776e-03
211251 x at	3D	6.47416e-03	208741 at	3D	7.202776e-03
206704 at	3D	6.478947e-03	1555812 a at		7.20495e-03
				3D	
217908_s_at	3D	6.494512e-03	201460_at	3D	7.207847e-03
204034 at	3D	6.494512e-03	219161 s at	3D	7.226004e-03
200085 s at	3D	6.520077e-03	210943 s at	3D	7.233028e-03
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208631 s at	3D	6.52576e-03	228446 at	3D	7.242239e-03
202076 at	3D	6.547021e-03	225994 at	3D	7.243468e-03
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208909_at	3D	6.568883e-03	230619_at	3D	7.245961e-03
208779_x_at	3D	6.568892e-03	228532 at	3D	7.271989e-03
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224415 s at	ЗD	6.655995e-03	220319 s at	3D	7.323526e-03
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225071 at	3D	6.71636e-03	217913 at	3D	7.372494e-03
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209344 at	3D	6.732151e-03	202140 s at	3D	7.378662e-03
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217336 at	3D	6.886971e-03	211783 s at	3D	7.507103e-03
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242807 at	3D	6.932673e-03	213073 at	3D	7.529728e-03
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                                                            9.973017e-03
209549_s_at
              3D
                  9.079228e-03
                                          201746 at
                                                        3D
                                                            9.973017e-03
219172_at
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              3D
                  9.143897e-03
                                                            9.973017e-03
235626_at
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                  9.151374e-03
                                          225045_at
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                                                            9.97771e-03
204897 at
              3D
                  9.154946e-03
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                                                        3D
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                  9.170874e-03
217806 s at
              3D
                                          209273 s at
                                                        3D
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                  9.19419e-03
201929_s_at
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                                          202230_s_at
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220005_at
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223168_at
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225604_s_at
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201715_s_at
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208761_s_at
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1558014_s_at 3D
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45653 at
              3D
                  9.283544e-03
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203882_at
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                                                            0.01
200620_at
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                  9.341651e-03
                                          221080 s at
                                                        3D
                                                            0.01
203384_s_at
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                  9.359413e-03
                                                        3D
                                          201963 at
                                                            0.01
202524_s_at
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218448 at
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                  9.3931e-03
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                                          202803 s at
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                                          200734 s at
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212807_s_at
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221505_at
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                  9.45959e-03
205633 s at
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203043 at
                                          203909 at
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219821 s at
              3D
                  9.519634e-03
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                                                        3D
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                  9.544597e-03
233049 \times at
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201500_s_at
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221558 s at
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205739 x at
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222235 s at
              3D
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                                           211750 x_at
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233575_s_at
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              3D
                  9.712238e-03
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218913_s_at
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208703 s at
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                                           220015 at
                                                        3D
                                                             0.01
220947 s at
              3D
                  9.818035e-03
                                           226219 at
                                                        3D
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213312 at		0.01	201604_s_at 3		0.01
212625_at		0.01	207196_s_at		0.01
218055 s at	3D	0.01	202727 s at 3		0.01
213588_x_at	3D	0.01	204009 s at 3		0.01
217962 at		0.01	204009_S_at 3 212066 s at 3		
		0.01	212060_S_at 3		0.01
219599_at		0.01	205538_at 3		0.01
229113_s_at	30	0.01	203160_s_at 3		0.01
200097 <u>s</u> at	3D	0.01	226120_at 3 225371_at 3		0.01
209537 <u>at</u>		0.01	225371_at 3		0.01
226968_at	3D	0.01	219551_at 3	3D	0.01
205267_at	3D	0.01	213504_at 3	3D	0.01
202199 s at	3D	0.01	206342 x at 3		0.01
202199_s_at 212697_at	3D	0.01	$155605\overline{9} \text{ s at } 3$		0.01
239660 at	3D	0.01	211760 s at 3		0.01
219690 at		0.01	221478 at 3		0.01
		0.01	209899_s_at 3		0.01
224608_s_at 219256 s at	3D	0.01	209099_S_ac \		
44702 at	20	0.01	205173_x_at 3 200091 s at 3		0.01
		0.01	200091_S_at 3		0.01
202263_at		0.01	201097_s_at 3		0.01
217934_x_at	30	0.01	226071_at		0.01
218478_s_at 201722_s_at	3D	0.01	223082_at 3 211948_x_at 3 218145_at 3	3D	0.01
		0.01	211948_x_at 3	3D	0.01
1563641_a_at	3D	0.01	218145_at 3	3D	0.01
235104_at	3D	0.01	207571_x_at 3	3D	0.01
219657_s_at	3D	0.01	218130_at	3D	0.01
2007 <b>4</b> 6 s at	3D	0.01	222934 s at 3		0.01
203710 at	3D	0.01	222934_s_at 3 213353 at 3		0.01
228139 at		0.01			0.01
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200800_s_at	30	0.01	<del></del>		0.01
202771 at		0.01			0.01
202299_s_at		0.01	207490_at		0.01
1569679_at 208895_s_at	מכ	0.01	——————————————————————————————————————		0.01
208895_s_at	30	0.01	55093_at		0.01
211136_s_at		0.01			0.01
218627_at	3D	0.01	218806_s_at 3	3D	0.01
202128_at 33646_g_at	3D	0.01	204215_at	3D	0.01
33646_g_at	3D	0.01			0.01
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224733_at	3D	0.01	203291_at :	3D	0.01
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205114 s at	3D	0.01		3D	0.01
205401 at	3D	0.01		3D	0.01
218540 at	3D	0.01		3D	0.01
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203669_s_at	3D	0.01		3D	0.01
1559034_at	3D	0.01		3D	0.01
202374_s_at	3D	0.01		3D	0.01
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224690_at	3D	0.01	·	3D	0.01
224369_s_at	3D	0.01	218217_at	3D	0.01

220002 2+	2 D	0 01	202205	317	0 01
229903_x_at	3D	0.01	202205_at	3D	0.01
209331_s_at		0.01	1553575_at	3D	0.01
211307_s_at		0.01	1552398_a_at	3D	0.01
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$209026 \times at$		0.01	227430 at	3D	0.01
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			224000 at	20	
203652_at		0.01	212//4_at	3D	0.01
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15559 <b>4</b> 7_at	3D	0.01	213526 s at	3D	0.01
215236 s at	3D	0.01	203 <b>041</b> s at	3D	0.01
	3D	0.01	204407 at	3D	0.01
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205416_s_at			233924_S_at	3D	0.01
222099_s_at		0.01	210225_x_at	3D	
39248_at		0.01	64899_at	3D	0.01
205788_s_at	3D	0.01	200029_at	3D	0.01
200000_s_at	3D	0.01	219322 s at	3D	0.01
213795 s at	3D		201241 at	3D	0.01
204949 at			205033 s at	3D	0.01
1554915 a at			208046 5 2+	3D	0.01
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224820_at	3D	0.01	203445_S_at	3D	0.01
218208_at 218655_s_at	3D		225764_at	3D	0.01
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1552798_a_at		0.01	219201 2+	30	
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225177_at		0.01	21355/_at	3D	0.01
218057_x_at	3D		20/842_s_at	3D	0.01
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205566_at	3D	0.01	20 <b>1546_a</b> t	3D	0.01
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210629 x at	3D	0.01	219066 at	3D	0.01
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202626_s_at	20		221704_s_at 202872_at	20	
212355_at	3D		202872_at	30	0.01
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225647_s_at			217418_x_at	3D	
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200667 at	3D	0.01	217824 at	3D	0.01
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219228 at	3D	0.01	214314 s at	3D	0.01
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203509_at	3D	0.01	. 219994 at	3D	0.01
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219397_at	3D	0.01	208360 <u>s</u> at	3D	0.01
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211368_s_at	3D	0.01	201425 at	3D	0.01
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207980_s_at 212242_at 208668_x_at	3D	0.01	218195 at	3D	0.01
212242 at	3D	0.01	203879 at	3D	0.01
208668 x at	3D	0.01	222212 s at	3D	0.01
211926 s at	3D	0.01	218195_at 203879_at 222212_s_at 218323_at	3D	0.01
220646 s at	3D	0.01	217720_at	3D	0.01
202531 at	3D	0.01	202634 at	3D	0.01
214658_at	3D	0.01	217905 at	3D	0.01
202531_at 214658_at 211075_s_at	3D	0.01	202634_at 217905_at 229560_at 201887_at	3D	0.01
223220 s at	3D	0.01	201887_at	3D	0.01
206337_at 1554800_at 207574_s_at 227647_at	3D	0.01	224374 <u>s_at</u>	3D	0.01
1554800_at	3D	0.01	205760_s_at	3D	0.01
207574_s_at	3D	0.01	225351_at 216950_s_at	3D	0.01
227647_at	3D	0.01	216950 <u>_</u> s_at	3 D	0.01
208901_s_at 202788_at 200839_s_at 206174_s_at	3D	0.01	200961_at		
202788_at	3D	0.01	209211_at	3D	0.01
200839_s_at	3D	0.01	218107_at 200669_s_at	3D	0.01
2061/4_s_at	3D	0.01	200669_s_at	3D	0.01
220853_at		0.01	226584_s_at		
1555411_a_at	30	0.01	226794_at	3D	0.01
212041_at 1553150_at	30	0.01	202189_x_at 221059 s at	30	0.01
220757_s_at	מכ	0.01	221059_s_at 200048 s at	30	0.01
220/3/_S_aL	3D 2D	0.01	200048_s_at 217749 at		
203430_at 203939_at 205504_at 32811_at	מצ	0.01	217/49_dL 215040_w_a+		
205504_at	30	0.01	215049_x_at	3D 2D	0.01
32811 at	30	0.01	212417_at 215452_x_at	30	0.01
212540_at	3D	0.01	204837 at	30	0.01
214198 s at	3D	0.01	233933 s_at 205568 at 211366 x_at 208982 at 229450 at 218195 at 203879 at 222212 s_at 218323 at 217720 at 202634 at 217905 at 229560 at 201887 at 224374 s_at 205760 s_at 225351 at 216950 s_at 209611 at 209211 at 218107 at 200669 s_at 226584 s_at 226794 at 202189 x_at 226794 at 202189 x_at 226794 s_at 221059 s_at 220048 s_at 2217749 at 215049 x_at 217749 at 215049 x_at 215049 x_at 215049 x_at 215452 x_at 204837 at 204971 at 204971 at 202697 at 208875 s_at 204971 at 202697 at 208875 s_at 204975 at 22475 at 224831 at 200989 at 202543 s_at 200615 s_at 20615 s_at 20615 s_at		
214198_s_at 216100_s_at 221498_at	3D	0.01	202697 at	3D	0.01
221498 at	3D	0.01	202697_at 208875_s_at	3D	0.01
200639 s at	3D	0.01	203460 s at	3D	0.01
215493_x_at	3D	0.01	222 <b>47</b> 5_at	3D	
218135_at	3D	0.01	224831_at	3D	0.01
215493_x_at 218135_at 204751_x_at	3D	0.01	224831_at 200989_at	3D	0.01
210314_x_at	3D	0.01	20 <b>2543</b> _s_at		0.01
220306_at		0.01	200615_s_at		0.01
209943_at	3D			3D	0.01
216205_s_at	3D	0.01	223591_at	3D	0.01
210427_x_at	3D	0.01	208313_s_at	3D	0.01
222875_at	3D	0.01	233230_s_at	3D	0.01
200840_at	3D	0.01	203373_at	3D	0.01
218506_x_at 210982 s at	3D 3D	0.01	202241_at	3D	0.01
211558 s at	3D	0.01	224886_at	3D	0.01
202149_at	3D	0.01	220202 <u>s</u> at 219358_s_at	3D	
202149_ac 202058 s at	3D	0.01	219356_s_at 221492_s_at	3D 3D	0.01
31826 at	3D	0.01	221492_S_at 1553099 at	3D	0.01
200737 at	3D	0.01	224920 x at	3D	0.01
234725 s at	3D	0.01	201542 at	3D	0.01
202030_at	3D	0.01	1555837 s at		0.01
218215 s at	3D	0.01	202794 at	3D	0.01
223000 s at	3D	0.01	200766 at	3D	0.01
213902 at	3D	0.01	237783 at	3D	0.01
214847_s_at	3D	0.01	212794 s at	3D	0.01
219444_at	3D	0.01	209647 s at	3D	0.01
223304_at	3D	0.01	242760 x at	3D	0.01
210062 <u>s_</u> at	3D	0.01	200638_s_at	3D	0.01
232617_at	3D	0.01	218043_s_at	3D	0.01
202837_at	3D	0.01	221778_at	3D	0.01

221472 at	3D	0.01	212129 at	3D	0.02
207323_s_at	3D	0.01	201666 at	3D	
207323_3_ac					0.02
200847 s at	3D	0.01	212591 at	3D	0.02
224160 s at	3D	0.01	209221 s at	3D	0.02
	20				
201217_x_at	ЗD	0.01	202680 at	3D	0.02
209142 s at	3D	0.01	202445 s at	3D	0.02
205119_s_at	3D	0.01	201625 s at	3D	0.02
213623_at	3D	0.01	200719 <u>at</u>	3D	0.02
213023_40	25		200715_ac		
217910_x_at	3D	0.01	204125 at	3D	0.02
217808 s at	ЗD	0.01	221724 s at	ЗD	0.02
203276_at	3D	0.01	117_at	ЗD	0.02
217552_x_at	3D	0.01	201725 at	3D	0.02
			210212		
218280_x_at	שכ	0.01	218313_s_at	ЗD	0.02
201119 s at	ЗD	0.01	213881 x at	3D	0.02
	ЗD	0.01		3D	
209296 at	3D	0.01	223236 at	3D	0.02
227920 <u>a</u> t	3D	0.01	210458_s_at	3D	0.02
238722_x_at	3D	0.01	$211256 \times at$	3D	0.02
218972 at	3D	0.01	217718 s at	3D	0.02
203643 at		0.01			
			227029_at		
202201_at	3D	0.01	203573_s_at	ЗD	0.02
209448 at	3D	0.01	217842 at	3D	0.02
209448_at 209579_s_at	3.0	0.01			
			212537_x_at	3D	0.02
204961 s at	3D	0.01	206055 s at	3D	0.02
202009_at	3D	0.01	225945 at	3D	
217765	30				
217765_at 201557_at 223445_at	שכ	0.01	204806_x_at	3D	0.02
201557 at	3D	0.02	203513 at	3D	0.02
223445 at	מצ	0.02	225672_at	3D	0.02
222000 -+	3.0		223072_40		
222980_at		0.02	221718_s_at	3D	
225140_at	3D	0.02	210125_s_at	3D	0.02
201441 at	3D	0.02	211787 s at	3D	0.02
220746_s_at	3.0				
		0.02	205 <b>403</b> _at	3D	0.02
200896 x at	3D	0.02	202333 s at	3D	0.02
218241_at	3D	0.02	201594_s_at	3D	0.02
	ЗD	0.02	207831_x_at	3D	0.02
210356 x at	3D	0.02	200882 s at	3D	0.02
216218 s at	3D	0.02	203371 s at	3D	
204512_at		0.02	226283_at	3D	0.02
202041_s_at	3D	0.02	226691 <u> </u>	3D	0.02
201885 s at		0.02	204698 at	3D	0.02
			204090_ac	30	
212204_at		0.02	208436 <u>s</u> at	3D	0.02
204774 at	3D	0.02	204565 at	3D	0.02
202853_s_at	3D	0.02	210205 24		
			218385_at	3D	0.02
209069_s_at	3D	0.02	227276_at	3D	0.02
223049 at	3D	0.02	211559 s at	3D	0.02
202775 s at	3D	0.02	205446 s at	3D	
213151_s_at	3D	0.02	202448_s_at	3D	0.02
202086 at	3D	0.02	210346_s_at	3D	0.02
225370 at	3D	0.02			
			209207_s_at	3D	0.02
212596 s at	3D	0.02	218419 s at	3D	0.02
218178 s at	3D	0.02	224407 s at	3D	0.02
201271_s_at	3D	0.02	207601_at	3D	0.02
218455 at	3D	0.02	235940 at	3D	0.02
203907 s at	3D	0.02	222912 at	3D	
			_		
212250_at	3D	0.02	212637_s_at	3D	0.02
212495 at	3D	0.02	235032 at	3D	0.02
1564974 at	3D	0.02	201921 at	3D	0.02
_					
208223_s_at	3D	0.02	56829_at	3D	0.02
221471 at	3D	0.02	$20086\overline{6}$ s at	3D	0.02
204689 at	3D	0.02	217769 s at		
				3D	0.02
201180_s_at	3D	0.02	225277_at	3D	0.02
202362_at	3D	0.02	208612 at	3D	0.02
	עכ	0.02			
219304+					
219304_s_at 200092 s at	3D 3D	0.02 0.02 0.02	1554428_s_at 218870 at		0.02

010540	~ ~		000150		
210740_s_at		0.02	208158_s_at		0.02
22 <b>4</b> 591_at	3D	0.02	209852_x_at	3D	0.02
225272_at				3D	
204362 at	3 D	0.02		3D	
211960 s at	20		203241_at 223024_at	20	0.02
		0.02			
202006_at	3D	0.02	223086_x_at	ЗD	0.02
205842_s_at	3D	0.02	223394_at	3D	0.02
		0.02	1553220 at	30	0.02
226711_at 218037_at	3.D	0.02	1553220_at 209249_s_at 224900_at	3.0	0.02
220939_s_at	20	0.02	203249_3_aC	20	0.02
			224900_at	3D	0.02
231973_s_at			232001_at		
202424_at	ЗD	0.02	223482_at	3D	0.02
225602_at 34210 at	3D	0.02	202795_x_at	3D	0.02
34210 at	3.0	0 02	203433 at	3D	0.02
223132 s at	3 D	0.02	1555349 a at		
209150_s_at		0.02	218447_at		
225665_at	3D	0.02	203 <b>275_</b> at	3D	0.02
222634_s_at 219229_at	3D	0.02	221676_s_at 219628_at	3D	0.02
219229 at	3D	0.02	219628 at	3D	0.02
223217 s at			220800 s at		
204500 s at		0.02	201181 at		
212184_s_at	3D	0.02	215438_x_at 202593_s_at	30	0.02
213911_s_at			2025 <b>9</b> 3_s_at	3D	0.02
209934_s_at	3D	0.02	201363_s_at	3D	0.02
223502 s at	3D	0.02	223792_at	3D	0.02
			232033 at	30	0.02
205230_at 202378_s_at	3.0	0 02	232033_at 204236_at 210293_s_at	30	0.02
32032 at	20	0.02	204230_ac	20	0.02
			210293_s_at	30	0.02
228690_s_at			226757_at		
219691_at	3D	0.02	2037 <b>41</b> _s_at	3D	0.02
222984 at	3D	0.02	223022 s at	3D	0.02
208634 s at	3D	0.02	223022_s_at 223288_at	3D	0.02
1552978 a at			204249_s_at	3D	0.02
200680_x_at		0.02			0.02
200000_x_at	20		208767_s_at		
205248_at 223346_at	30	0.02	219097_x_at	3D	
223346_at	3D	0.02	220088_at	3D	0.02
223058_at	3D	0.02	2195 <b>47</b> at	3D	0.02
243413_at	3D	0.02	218 <b>940</b> at	3D	0.02
200743 s at	3D	0.02			
200743_s_at 222503 s_at	3.0	0 02	231876 at	3D	
212036 s at	3D	0.02	201676_ac	20	
			202635_s_at	3D	
222657_s_at			202239_at		0.02
218187_s_at	3D	0.02	223947_s_at	3D	0.02
204900_x_at	3D	0.02	221 <b>569_a</b> t	3D	0.02
202047 s at	3D	0.02	218729 at	3D	0.02
200887 s at	3D	0.02	2252 <b>43</b> s at	3D	0.02
203831_at	3D	0.02	200735 x at	3D	0.02
223441 at	3D	0.02	212020_s_at	3D	0.02
223266_at	3D	0.02	219202_at	3D	0.02
	3D	0.02	225925_s_at	3D	0.02
214746_s_at	3D	0.02	221267_s_at	3D	0.02
214047_s_at	3D	0.02	200027 at	3D	0.02
213293 s at	3D	0.02	205733 at	3D	0.02
202878 s at	3D	0.02	206364 at	3D	
210912 x at					
	3D	0.02	209222_s_at	3D	
206545_at	3D	0.02	208616_s_at	3D	
209251_x_at	3D	0.02	201413_at	3D	
227856_at	3D	0.02	218 <b>465</b> _at	3D	0.02
209058 at	3D	0.02	203042 at	3D	
219123 at	3D	0.02	205711 x at	3 D	
202603_at	3D	0.02	203711_X_ac 224856 at	3D	
			<b>—</b>		
214617_at	3D	0.02	37943_at	3D	0.02
207594_s_at	3D	0.02	20172 <mark>0</mark> _s_at	3D	0.02
202488_s_at	3D	0.02	217388_s_at	3D	0.02

213199_sat 3D 0.02	014360	20	0 00	010005 - +	2.0	0 00
222887_s_at 3D 0.02 35671_at 3D 0.02 200759_x_at 3D 0.02 235775_at 3D 0.02 218987_at 3D 0.02 218987_at 3D 0.02 20740_s_at 3D 0.02 207540_s_at 3D 0	214369_s_at	3D	0.02	<del></del>	3D	0.02
222887_s_at 3D 0.02 35671_at 3D 0.02 200759_x_at 3D 0.02 235775_at 3D 0.02 218987_at 3D 0.02 218987_at 3D 0.02 20740_s_at 3D 0.02 207540_s_at 3D 0	203799 at	3D	0.02	216341 s at	3D	0.02
200759_xat 3D 0.02		3D	0.02		3D	0.02
201553 s at 3D 0.02				225775 25		
202749_at	<del></del>			233773_at		
200809 x at 3D 0.02				218987_at		
205844_at	202749_at	3D	0.02		3D	0.02
205844_at	200809 x at	3D	0.02	225470 at	3D	0.02
204675_at				2001/1 at		
204675_at				203141_at		
204781_s_at 3D 0.02				203561_at		
204781_s_at 3D 0.02			0.02	225313_at	3D	0.02
220607 x at 3D 0.02 201258 at 3D 0.02 208152 s at 3D 0.02 219538 at 3D 0.02 242139 s at 3D 0.02 219538 at 3D 0.02 209560 at 3D 0.02 208921 s at 3D 0.02 201628 s at 3D 0.02 212527 at 3D 0.02 218308 at 3D 0.02 212527 at 3D 0.02 224586 x at 3D 0.02 212527 at 3D 0.02 208606 s at 3D 0.02 202974 at 3D 0.02 208606 s at 3D 0.02 202974 at 3D 0.02 208666 s at 3D 0.02 2021263 s at 3D 0.02 213532 at 3D 0.02 201628 s at 3D 0.02 201832 s at 3D 0.02 21743 s at 3D 0.02 201832 s at 3D 0.02 21743 s at 3D 0.02 212785 s at 3D 0.02 217743 s at 3D 0.02 212785 s at 3D 0.02 217743 s at 3D 0.02 202577 s at 3D 0.02 21263 x at 3D 0.02 212863 x at 3D 0.02 202577 s at 3D 0.02 212863 x at 3D 0.02 212898 s at 3D 0.02 212899 at 3D 0.02 213980 s at 3D 0.02 208861 s at 3D 0.02 208961 s at 3D 0.02 208961 s at 3D 0.02 208990 at 3D 0.0	204781 s at	3D	0.02	240801 at	3D	0.02
208152 s_ at			0.02	201258 at	3D	0.02
208921 s at         3D         0.02         201628 s at         3D         0.02           212527 at         3D         0.02         218308 at         3D         0.02           212527 at         3D         0.02         224586 x at         3D         0.02           212240 at         3D         0.02         203600 s at         3D         0.02           202974 at         3D         0.02         208666 s at         3D         0.02           205642 at         3D         0.02         207104 x at         3D         0.02           212785 s at         3D         0.02         217743 s at         3D         0.02           212785 s at         3D         0.02         2127863 at         3D         0.02           212785 s at         3D         0.02         212899 at         3D         0.02           209626 s at         3D         0.02         218861 s at         3D         0.02           202577 s at         3D         0.02         208861 s at         3D         0.02           202668 s at         3D         0.02         208861 s at         3D         0.02           20398 s at         3D         0.02         204872 s at         3D				242139 s at		
208921 s at         3D         0.02         201628 s at         3D         0.02           212527 at         3D         0.02         218308 at         3D         0.02           212527 at         3D         0.02         224586 x at         3D         0.02           212240 at         3D         0.02         203600 s at         3D         0.02           202974 at         3D         0.02         208666 s at         3D         0.02           205642 at         3D         0.02         207104 x at         3D         0.02           212785 s at         3D         0.02         217743 s at         3D         0.02           212785 s at         3D         0.02         2127863 at         3D         0.02           212785 s at         3D         0.02         212899 at         3D         0.02           209626 s at         3D         0.02         218861 s at         3D         0.02           202577 s at         3D         0.02         208861 s at         3D         0.02           202668 s at         3D         0.02         208861 s at         3D         0.02           20398 s at         3D         0.02         204872 s at         3D	210530 at	3.0		220560 2#		
208766						
212527 at 3D 0.02				<del></del>		
202974 at 3D 0.02						
202974 at 3D 0.02	212527_at	3D	0.02	224586_x_at	3D	
202974 at 3D 0.02	218240 at	3D	0.02	203600 s at	3D	0.02
221263_s_at 3D 0.02	202974 at	3D	0.02		3D	
205642 at         3D         0.02         207104 x at         3D         0.02           201832 s at         3D         0.02         1555775 a at         3D         0.02           212785 s at         3D         0.02         217743 s at         3D         0.02           212785 s at         3D         0.02         212863 x at         3D         0.02           209626 s at         3D         0.02         208861 s at         3D         0.02           213980 s at         3D         0.02         213503 x at         3D         0.02           236846 at         3D         0.02         204872 at         3D         0.02           209318 x at         3D         0.02         204872 at         3D         0.02           209318 x at         3D         0.02         204872 at         3D         0.02           209318 x at         3D         0.02         208861 s at         3D         0.02           212334 at         3D         0.02         203992 s at         3D         0.02           212667 at         3D         0.02         2013992 s at         3D         0.02           212667 at         3D         0.02         2013992 s at         3D </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
201832 s at 3D 0.02						
225065_x=at         3D         0.02         217743_s=at         3D         0.02           212785_s at         3D         0.02         212863_x=at         3D         0.02           209626_s at         3D         0.02         2120999_at         3D         0.02           202577_s=at         3D         0.02         208861_s_at         3D         0.02           213980_s at         3D         0.02         234107_s at         3D         0.02           236846_at         3D         0.02         204872_at         3D         0.02           209318_x at         3D         0.02         204872_at         3D         0.02           20939_at         3D         0.02         200023_s_at         3D         0.02           212334_at         3D         0.02         203992_s_at         3D         0.02           221867_at         3D         0.02         224857_s_at         3D         0.02           221262_at         3D         0.02         201290_at         3D         0.02           212262_at         3D         0.02         205471_s_at         3D         0.02           212867_at         3D         0.02         205471_s_at         3D				20/104_x_at		
212785_s_at 3D 0.02						
209626_s at       3D       0.02       212099_at       3D       0.02         202577_s at       3D       0.02       208861_s at       3D       0.02         213980_s at       3D       0.02       213503_x at       3D       0.02         236846_at       3D       0.02       204872_at       3D       0.02         209318_x at       3D       0.02       218527_at       3D       0.02         200990_at       3D       0.02       200023_s at       3D       0.02         232300_at       3D       0.02       224857_s_at       3D       0.02         221867_at       3D       0.02       212505_s_at       3D       0.02         212262_at       3D       0.02       201290_at       3D       0.02         212101_at       3D       0.02       205471_s_at       3D       0.02         212887_s_at       3D       0.02       205471_s_at       3D       0.02         218886_s_at       3D       0.02       205471_s_at       3D       0.02         21262_at       3D       0.02       20748_s_at       3D       0.02         212886_s_at       3D       0.02       203451_s_at       3D		3D	0.02	217743_s_at	3D	0.02
202577_s_at 3D 0.02	212785_s_at	3D	0.02	212863 x at	3D	0.02
202577_s_at 3D 0.02	209626 s at	3D	0.02	212099 at	3D	0.02
213980 s at 3D 0.02 234107 s at 3D 0.02 236846 at 3D 0.02 200068 s at 3D 0.02 204872 at 3D 0.02 209318 x at 3D 0.02 204872 at 3D 0.02 209318 x at 3D 0.02 209318 x at 3D 0.02 209900 at 3D 0.02 209023 s at 3D 0.02 20932 s at 3D 0.02 212334 at 3D 0.02 203992 s at 3D 0.02 212867 at 3D 0.02 212867 at 3D 0.02 212867 at 3D 0.02 212867 at 3D 0.02 21260 at 3D 0.02 21260 at 3D 0.02 21250 at 3D 0.02 21250 at 3D 0.02 21250 at 3D 0.02 21250 at 3D 0.02 203996 at 3D 0.02 21260 at 3D 0.02 20590 at 3D 0.02 203748 x at 3D 0.02 205726 at 3D 0.02 204351 at 3D 0.02 205726 at 3D 0.02 204351 at 3D 0.02 205726 at 3D 0.02 223451 s at 3D 0.02 203133 at 3D 0.02 223451 s at 3D 0.02 205929 at 3D 0.02 223451 s at 3D 0.02 226828 s at 3D 0.02 223451 s at 3D 0.02 226828 s at 3D 0.02 226828 at 3D 0.02 229967 at 3D 0.02 226828 s at 3D 0.02 229967 at 3D 0.02 226828 s at 3D 0.02 2269861 at 3D 0.02 2269861 at 3D 0.02 2269861 at 3D 0.02 226996 at 3D 0.02 226656 s at 3D 0.02 226996 at 3D 0.02 226666 s at 3D 0.02 226996 at 3D 0.02 226666 s at 3D 0.02 226888 at 3D 0.02 226996 at 3D 0.02 226861 at 3D 0.02 226888 at 3D 0.02 226888 at 3D 0.02 226888 at 3D 0.02 226888 at 3D 0.02 226886						
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236846_at       3D       0.02       204872_at       3D       0.02         209318_xat       3D       0.02       218527_at       3D       0.02         200990_at       3D       0.02       200023_sat       3D       0.02         212334_at       3D       0.02       203992_sat       3D       0.02         232030_at       3D       0.02       211505_sat       3D       0.02         212262_at       3D       0.02       201290_at       3D       0.02         212101_at       3D       0.02       205471_sat       3D       0.02         218896_sat       3D       0.02       203748_xat       3D       0.02         218896_sat       3D       0.02       203748_xat       3D       0.02         218388_at       3D       0.02       204351_at       3D       0.02         212492_sat       3D       0.02       223451_sat       3D       0.02         209474_sat       3D       0.02       238562_at       3D       0.02         2013133_at       3D       0.02       2286562_at       3D       0.02         219816_sat       3D       0.02       226298       3D       0.02	213300_3_at					
209318_x_at       3D       0.02       218527_at       3D       0.02         200990_at       3D       0.02       200023_s_at       3D       0.02         212334_at       3D       0.02       203992_s_at       3D       0.02         232030_at       3D       0.02       224857_s_at       3D       0.02         212167_at       3D       0.02       201290_at       3D       0.02         212101_at       3D       0.02       205471_s_at       3D       0.02         218896_s_at       3D       0.02       203748_x_at       3D       0.02         218896_s_at       3D       0.02       203748_x_at       3D       0.02         218496_s_at       3D       0.02       203748_x_at       3D       0.02         212492_s_at       3D       0.02       204351_at       3D       0.02         212492_s_at       3D       0.02       223451_s_at       3D       0.02         209474_s_at       3D       0.02       238562_at       3D       0.02         202529_at       3D       0.02       238562_at       3D       0.02         226828_s_at       3D       0.02       226298_at       3D						
200990_at         3D         0.02         200023_s_at         3D         0.02           212334_at         3D         0.02         203992_s_at         3D         0.02           221867_at         3D         0.02         224857_s_at         3D         0.02           212262_at         3D         0.02         201290_at         3D         0.02           212101_at         3D         0.02         205471_s_at         3D         0.02           218896_s_at         3D         0.02         203748_x_at         3D         0.02           218388_at         3D         0.02         203748_x_at         3D         0.02           212492_s_at         3D         0.02         20459_s_at         3D         0.02           212492_s_at         3D         0.02         20459_s_at         3D         0.02           212492_s_at         3D         0.02         204351_at         3D         0.02           212492_s_at         3D         0.02         223451_s_at         3D         0.02           209474_s_at         3D         0.02         238562_at         3D         0.02           202628_s_at         3D         0.02         229967_at         3D				<del>-</del>		
200990 at 3D 0.02 203992_s_at 3D 0.02 224857_s_at 3D 0.02 221867_at 3D 0.02 221867_at 3D 0.02 221867_at 3D 0.02 211505_s_at 3D 0.02 212262_at 3D 0.02 201290_at 3D 0.02 212101_at 3D 0.02 2052471_s_at 3D 0.02 201290_at 3D 0.02 218896_s_at 3D 0.02 200996_at 3D 0.02 218896_s_at 3D 0.02 203748_x_at 3D 0.02 20459_s_at 3D 0.02 20459_s_at 3D 0.02 20459_s_at 3D 0.02 204451_at 3D 0.02 204474_s_at 3D 0.02 223451_at 3D 0.02 209474_s_at 3D 0.02 223451_at 3D 0.02 205259_at 3D 0.02 238562_at 3D 0.02 229967_at 3D 0.02 229967_at 3D 0.02 229967_at 3D 0.02 226828_s_at 3D 0.02 229967_at 3D 0.02 229967_at 3D 0.02 226298_at 3D 0.02 226298_at 3D 0.02 226298_at 3D 0.02 226298_at 3D 0.02 223858_s_at 3D 0.02 2238486_at 3D 0.02 223928_s_at 3D 0.02 223928_s_at 3D 0.02 2243589_at 3D 0.02 223928_s_at 3D 0.02 224988_at 3D 0.02 224988_at 3D 0.02 224988_at 3D 0.02 224988_at 3D 0.02 225995_at 3D 0.02 225995_at 3D 0.02 223856_at 3D 0.02 224988_at 3D 0.02 201995_at 3D 0.02 223856_at 3D 0.02 224988_at 3D 0.02 201995_at 3D 0.02 203566_s_at 3D 0.02 209734_at 3D 0.02 203566_s_at 3D 0.02 209734_at 3D 0.02 20458_at 3D 0.02 209933_s_at 3D 0.02 2046871_at	209318_x_at	3D	0.02	218527_at	3D	0.02
232030_at       3D       0.02       224857_s_at       3D       0.02         211867_at       3D       0.02       211505_s_at       3D       0.02         212262_at       3D       0.02       201290_at       3D       0.02         212101_at       3D       0.02       205471_s_at       3D       0.02         38290_at       3D       0.02       203748_x_at       3D       0.02         218896_s_at       3D       0.02       203748_x_at       3D       0.02         218496_s_at       3D       0.02       203451_s_at       3D       0.02         205726_at       3D       0.02       204351_at       3D       0.02         212492_s_at       3D       0.02       223451_s_at       3D       0.02         209474_s_at       3D       0.02       223451_s_at       3D       0.02         203133_at       3D       0.02       238562_at       3D       0.02         226828_s_at       3D       0.02       229967_at       3D       0.02         219816_s_at       3D       0.02       226298_at       3D       0.02         218354_at       3D       0.02       218534_s_at       3D	200990 at	3D	0.02	200023 s at	3D	0.02
232030_at       3D       0.02       224857_s_at       3D       0.02         211867_at       3D       0.02       211505_s_at       3D       0.02         212262_at       3D       0.02       201290_at       3D       0.02         212101_at       3D       0.02       205471_s_at       3D       0.02         38290_at       3D       0.02       203748_x_at       3D       0.02         218896_s_at       3D       0.02       203748_x_at       3D       0.02         218496_s_at       3D       0.02       203451_s_at       3D       0.02         205726_at       3D       0.02       204351_at       3D       0.02         212492_s_at       3D       0.02       223451_s_at       3D       0.02         209474_s_at       3D       0.02       223451_s_at       3D       0.02         203133_at       3D       0.02       238562_at       3D       0.02         226828_s_at       3D       0.02       229967_at       3D       0.02         219816_s_at       3D       0.02       226298_at       3D       0.02         218354_at       3D       0.02       218534_s_at       3D	212334 at	3D	0.02	203992 s at	3D	0.02
221867_at       3D       0.02       211505_s_at       3D       0.02         212262_at       3D       0.02       201290_at       3D       0.02         212101_at       3D       0.02       205471_s_at       3D       0.02         28290_at       3D       0.02       203748_x_at       3D       0.02         218896_s_at       3D       0.02       203748_x_at       3D       0.02         218388_at       3D       0.02       20459_s_at       3D       0.02         2057726_at       3D       0.02       204351_at       3D       0.02         212492_s_at       3D       0.02       223451_s_at       3D       0.02         209474_s_at       3D       0.02       238562_at       3D       0.02         203133_at       3D       0.02       238562_at       3D       0.02         202529_at       3D       0.02       22698_at       3D       0.02         219816_s_at       3D       0.02       22698_at       3D       0.02         218354_at       3D       0.02       218534_s_at       3D       0.02         244566_s_at       3D       0.02       223289_s_at       3D       0	232030 at	3D		224857 s at		
212262_at       3D       0.02       201290_at       3D       0.02         212101_at       3D       0.02       205471_s_at       3D       0.02         38290_at       3D       0.02       200996_at       3D       0.02         218388_at       3D       0.02       202459_s_at       3D       0.02         205726_at       3D       0.02       204351_at       3D       0.02         212492_s_at       3D       0.02       211716_x_at       3D       0.02         209474_s_at       3D       0.02       211716_x_at       3D       0.02         203133_at       3D       0.02       238562_at       3D       0.02         202529_at       3D       0.02       238562_at       3D       0.02         226828_s_at       3D       0.02       228967_at       3D       0.02         219816_s_at       3D       0.02       228534_s_at       3D       0.02         218354_at       3D       0.02       218534_s_at       3D       0.02         224566_s_at       3D       0.02       223289_s_at       3D       0.02         224758_at       3D       0.02       22388_s_at       3D						
212101_at       3D       0.02       205471_s_at       3D       0.02         38290_at       3D       0.02       200996_at       3D       0.02         218896_s_at       3D       0.02       203748_x_at       3D       0.02         218388_at       3D       0.02       204359_s_at       3D       0.02         212492_s_at       3D       0.02       223451_s_at       3D       0.02         209474_s_at       3D       0.02       211716_x_at       3D       0.02         203133_at       3D       0.02       238562_at       3D       0.02         202529_at       3D       0.02       229967_at       3D       0.02         219816_s_at       3D       0.02       22698_at       3D       0.02         218354_at       3D       0.02       218534_s_at       3D       0.02         224656_s_at       3D       0.02       218534_s_at       3D       0.02         2243589_at       3D       0.02       223289_s_at       3D       0.02         234486_at       3D       0.02       22588_at       3D       0.02         201995_at       3D       0.02       21386_at       3D       0						
38290_at       3D       0.02       200996_at       3D       0.02         218896_s_at       3D       0.02       203748_x_at       3D       0.02         218388_at       3D       0.02       202459_s_at       3D       0.02         205726_at       3D       0.02       204351_at       3D       0.02         212492_s_at       3D       0.02       223451_s_at       3D       0.02         209474_s_at       3D       0.02       211716_x_at       3D       0.02         203133_at       3D       0.02       238562_at       3D       0.02         202529_at       3D       0.02       229967_at       3D       0.02         219816_s_at       3D       0.02       226298_at       3D       0.02         219816_s_at       3D       0.02       218534_s_at       3D       0.02         224566_s_at       3D       0.02       218534_s_at       3D       0.02         224758_at       3D       0.02       223289_s_at       3D       0.02         234486_at       3D       0.02       225992_s_at       3D       0.02         201995_at       3D       0.02       201588_at       3D       <	_					
218896_s_at       3D       0.02       203748_x_at       3D       0.02         218388_at       3D       0.02       202459_s_at       3D       0.02         205726_at       3D       0.02       204351_at       3D       0.02         212492_s_at       3D       0.02       223451_s_at       3D       0.02         209474_s_at       3D       0.02       211716_x_at       3D       0.02         203133_at       3D       0.02       238562_at       3D       0.02         202529_at       3D       0.02       229967_at       3D       0.02         226828_s_at       3D       0.02       226298_at       3D       0.02         219816_s_at       3D       0.02       218534_s_at       3D       0.02         218354_at       3D       0.02       217823_s_at       3D       0.02         224656_s_at       3D       0.02       223289_s_at       3D       0.02         243589_at       3D       0.02       222992_s_at       3D       0.02         234486_at       3D       0.02       21588_at       3D       0.02         201995_at       3D       0.02       21387_at       3D <t< td=""><td>_</td><td></td><td></td><td></td><td></td><td>0.02</td></t<>	_					0.02
218388_at       3D       0.02       202459_s_at       3D       0.02         205726_at       3D       0.02       204351_at       3D       0.02         212492_s_at       3D       0.02       223451_s_at       3D       0.02         209474_s_at       3D       0.02       211716_x_at       3D       0.02         203133_at       3D       0.02       238562_at       3D       0.02         202529_at       3D       0.02       229967_at       3D       0.02         226828_s_at       3D       0.02       226298_at       3D       0.02         219816_s_at       3D       0.02       218534_s_at       3D       0.02         218354_at       3D       0.02       21823_s_at       3D       0.02         224656_s_at       3D       0.02       223289_s_at       3D       0.02         243589_at       3D       0.02       222992_s_at       3D       0.02         234486_at       3D       0.02       21589_at       3D       0.02         234486_at       3D       0.02       21588_at       3D       0.02         203635_at       3D       0.02       224988_at       3D       0.0	38290_at	3D		200996_at	3D	0.02
218388_at       3D       0.02       202459_s_at       3D       0.02         205726_at       3D       0.02       204351_at       3D       0.02         212492_s_at       3D       0.02       223451_s_at       3D       0.02         209474_s_at       3D       0.02       211716_x_at       3D       0.02         203133_at       3D       0.02       238562_at       3D       0.02         202529_at       3D       0.02       229967_at       3D       0.02         226828_s_at       3D       0.02       226298_at       3D       0.02         219816_s_at       3D       0.02       218534_s_at       3D       0.02         218354_at       3D       0.02       21823_s_at       3D       0.02         224656_s_at       3D       0.02       223289_s_at       3D       0.02         243589_at       3D       0.02       222992_s_at       3D       0.02         234486_at       3D       0.02       21589_at       3D       0.02         234486_at       3D       0.02       21588_at       3D       0.02         203635_at       3D       0.02       224988_at       3D       0.0	218896 s at	3D	0.02	203748 x at	3D	0.02
212492 s at       3D 0.02       223451 s at       3D 0.02         209474 s at       3D 0.02       211716 x at       3D 0.02         203133 at       3D 0.02       238562 at       3D 0.02         202529 at       3D 0.02       229967 at       3D 0.02         226828 s at       3D 0.02       226298 at       3D 0.02         219816 s at       3D 0.02       218534 s at       3D 0.02         218354 at       3D 0.02       217823 s at       3D 0.02         224656 s at       3D 0.02       223289 s at       3D 0.02         208739 x at       3D 0.02       222992 s at       3D 0.02         243589 at       3D 0.02       221588 at       3D 0.02         234486 at       3D 0.02       201588 at       3D 0.02         210205 at       3D 0.02       213387 at       3D 0.02         201995 at       3D 0.02       224988 at       3D 0.02         218053 at       3D 0.02       203566 s at       3D 0.02         218053 at       3D 0.02       205219 s at       3D 0.02         226861 at       3D 0.02       205219 s at       3D 0.02         204258 at       3D 0.02       209734 at       3D 0.02         203526 s at       3D			0.02	202459 s at		0.02
212492 s at       3D 0.02       223451 s at       3D 0.02         209474 s at       3D 0.02       211716 x at       3D 0.02         203133 at       3D 0.02       238562 at       3D 0.02         202529 at       3D 0.02       229967 at       3D 0.02         226828 s at       3D 0.02       226298 at       3D 0.02         219816 s at       3D 0.02       218534 s at       3D 0.02         218354 at       3D 0.02       217823 s at       3D 0.02         224656 s at       3D 0.02       223289 s at       3D 0.02         208739 x at       3D 0.02       222992 s at       3D 0.02         243589 at       3D 0.02       221588 at       3D 0.02         234486 at       3D 0.02       201588 at       3D 0.02         210205 at       3D 0.02       213387 at       3D 0.02         201995 at       3D 0.02       224988 at       3D 0.02         218053 at       3D 0.02       203566 s at       3D 0.02         218053 at       3D 0.02       205219 s at       3D 0.02         226861 at       3D 0.02       205219 s at       3D 0.02         204258 at       3D 0.02       209734 at       3D 0.02         203526 s at       3D	205726 at	3.0		204351 at		
209474_s_at       3D       0.02       211716_x_at       3D       0.02         203133_at       3D       0.02       238562_at       3D       0.02         202529_at       3D       0.02       229967_at       3D       0.02         226828_s_at       3D       0.02       226298_at       3D       0.02         219816_s_at       3D       0.02       218534_s_at       3D       0.02         224656_s_at       3D       0.02       223289_s_at       3D       0.02         208739_x_at       3D       0.02       222992_s_at       3D       0.02         234486_at       3D       0.02       221992_s_at       3D       0.02         234486_at       3D       0.02       201588_at       3D       0.02         210205_at       3D       0.02       213387_at       3D       0.02         201995_at       3D       0.02       224988_at       3D       0.02         203665_at       3D       0.02       203566_s_at       3D       0.02         204258_at       3D       0.02       205219_s_at       3D       0.02         205483_s_at       3D       0.02       209734_at       3D <t< td=""><td></td><td></td><td></td><td>204331_at</td><td>20</td><td></td></t<>				204331_at	20	
203133_at       3D 0.02       238562_at       3D 0.02         202529_at       3D 0.02       229967_at       3D 0.02         226828_s_at       3D 0.02       226298_at       3D 0.02         219816_s_at       3D 0.02       218534_s_at       3D 0.02         218354_at       3D 0.02       217823_s_at       3D 0.02         224656_s_at       3D 0.02       223289_s_at       3D 0.02         208739_x_at       3D 0.02       222992_s_at       3D 0.02         234486_at       3D 0.02       25393_s_at       3D 0.02         234486_at       3D 0.02       213887_at       3D 0.02         201995_at       3D 0.02       213887_at       3D 0.02         203635_at       3D 0.02       224988_at       3D 0.02         226861_at       3D 0.02       203566_s_at       3D 0.02         204258_at       3D 0.02       205219_s_at       3D 0.02         205483_s_at       3D 0.02       20876_s_at       3D 0.02         20156_s_at       3D 0.02       209734_at       3D 0.02         20156_s_at       3D 0.02       209933_s_at       3D 0.02         20156_s_at       3D 0.02       209933_s_at       3D 0.02         20156_s_at       3D						
202529_at       3D       0.02       229967_at       3D       0.02         226828_s_at       3D       0.02       226298_at       3D       0.02         219816_s_at       3D       0.02       218534_s_at       3D       0.02         218354_at       3D       0.02       217823_s_at       3D       0.02         224656_s_at       3D       0.02       223289_s_at       3D       0.02         208739_x_at       3D       0.02       222992_s_at       3D       0.02         243589_at       3D       0.02       22992_s_at       3D       0.02         234486_at       3D       0.02       201588_at       3D       0.02         210205_at       3D       0.02       213387_at       3D       0.02         201995_at       3D       0.02       224988_at       3D       0.02         203635_at       3D       0.02       224988_at       3D       0.02         218053_at       3D       0.02       205219_s_at       3D       0.02         226861_at       3D       0.02       205219_s_at       3D       0.02         205483_s_at       3D       0.02       20755_at       3D       0.	2094/4_s_at	30				
226828 s at       3D 0.02       226298 at       3D 0.02         219816 s at       3D 0.02       218534 s at       3D 0.02         218354 at       3D 0.02       217823 s at       3D 0.02         224656 s at       3D 0.02       223289 s at       3D 0.02         208739 x at       3D 0.02       222992 s at       3D 0.02         243589 at       3D 0.02       201588 at       3D 0.02         234486 at       3D 0.02       201588 at       3D 0.02         210205 at       3D 0.02       213387 at       3D 0.02         201995 at       3D 0.02       224988 at       3D 0.02         203635 at       3D 0.02       203566 s at       3D 0.02         218053 at       3D 0.02       205219 s at       3D 0.02         204258 at       3D 0.02       201552 at       3D 0.02         205483 s at       3D 0.02       209734 at       3D 0.02         20156 s at       3D 0.02       209933 s at       3D 0.02         20156 s at       3D 0.02       209933 s at       3D 0.02         20156 s at       3D 0.02       20557 at       3D 0.02         201495 x at       3D 0.02       20557 at       3D 0.02         20157 s at       3D 0.		3D		238562_at	3D	0.02
226828 s at       3D 0.02       226298 at       3D 0.02         219816 s at       3D 0.02       218534 s at       3D 0.02         218354 at       3D 0.02       217823 s at       3D 0.02         224656 s at       3D 0.02       223289 s at       3D 0.02         208739 x at       3D 0.02       222992 s at       3D 0.02         243589 at       3D 0.02       221588 at       3D 0.02         234486 at       3D 0.02       201588 at       3D 0.02         210205 at       3D 0.02       213387 at       3D 0.02         201995 at       3D 0.02       224988 at       3D 0.02         203635 at       3D 0.02       203566 s at       3D 0.02         218053 at       3D 0.02       205219 s at       3D 0.02         204258 at       3D 0.02       201552 at       3D 0.02         205483 s at       3D 0.02       209734 at       3D 0.02         203526 s at       3D 0.02       20876 s at       3D 0.02         201156 s at       3D 0.02       209933 s at       3D 0.02         224871 at       3D 0.02       20557 at       3D 0.02         221748 s at       3D 0.02       208070 s at       3D 0.02         20159 s at       3D	202529 at	3D	0.02	229967 at	3D	0.02
219816 s at       3D 0.02       218534 s at       3D 0.02         218354 at       3D 0.02       217823 s at       3D 0.02         224656 s at       3D 0.02       223289 s at       3D 0.02         208739 x at       3D 0.02       222992 s at       3D 0.02         243589 at       3D 0.02       201588 at       3D 0.02         234486 at       3D 0.02       201588 at       3D 0.02         210205 at       3D 0.02       213387 at       3D 0.02         201995 at       3D 0.02       224988 at       3D 0.02         203635 at       3D 0.02       203566 s at       3D 0.02         218053 at       3D 0.02       205219 s at       3D 0.02         226861 at       3D 0.02       205219 s at       3D 0.02         204258 at       3D 0.02       201552 at       3D 0.02         203526 s at       3D 0.02       20876 s at       3D 0.02         201156 s at       3D 0.02       209933 s at       3D 0.02         224871 at       3D 0.02       20557 at       3D 0.02         221748 s at       3D 0.02       208070 s at       3D 0.02         20156 s at       3D 0.02       208070 s at       3D 0.02	226828 s at	3D	0.02	226298 at	3D	
218354_at       3D 0.02       217823_s_at       3D 0.02         224656_s_at       3D 0.02       223289_s_at       3D 0.02         208739_x_at       3D 0.02       222992_s_at       3D 0.02         243589_at       3D 0.02       1553993_s_at       3D 0.02         234486_at       3D 0.02       201588_at       3D 0.02         210205_at       3D 0.02       213387_at       3D 0.02         201995_at       3D 0.02       224988_at       3D 0.02         203635_at       3D 0.02       203566_s_at       3D 0.02         218053_at       3D 0.02       205219_s_at       3D 0.02         226861_at       3D 0.02       218228_s_at       3D 0.02         204258_at       3D 0.02       201552_at       3D 0.02         203526_s_at       3D 0.02       209734_at       3D 0.02         201156_s_at       3D 0.02       209933_s_at       3D 0.02         224871_at       3D 0.02       202557_at       3D 0.02         221495_x_at       3D 0.02       202557_at       3D 0.02         221708_s_at       3D 0.02       208070_s_at       3D 0.02						
224656 s at 3D 0.02       223289 s at 3D 0.02         208739 x at 3D 0.02       222992 s at 3D 0.02         243589 at 3D 0.02       1553993 s at 3D 0.02         234486 at 3D 0.02       201588 at 3D 0.02         210205 at 3D 0.02       213387 at 3D 0.02         201995 at 3D 0.02       224988 at 3D 0.02         203635 at 3D 0.02       203566 s at 3D 0.02         218053 at 3D 0.02       205219 s at 3D 0.02         226861 at 3D 0.02       218228 s at 3D 0.02         205425 at 3D 0.02       209734 at 3D 0.02         203526 s at 3D 0.02       20876 s at 3D 0.02         201156 s at 3D 0.02       209933 s at 3D 0.02         224871 at 3D 0.02       202557 at 3D 0.02         211495 x at 3D 0.02       208770 s at 3D 0.02         221708 s at 3D 0.02       208070 s at 3D 0.02						
208739 x at       3D 0.02       222992 s at       3D 0.02         243589 at       3D 0.02       1553993 s at       3D 0.02         234486 at       3D 0.02       201588 at       3D 0.02         210205 at       3D 0.02       213387 at       3D 0.02         201995 at       3D 0.02       224988 at       3D 0.02         203635 at       3D 0.02       203566 s at       3D 0.02         218053 at       3D 0.02       205219 s at       3D 0.02         226861 at       3D 0.02       218228 s at       3D 0.02         205425 at       3D 0.02       201552 at       3D 0.02         205483 s at       3D 0.02       209734 at       3D 0.02         201156 s at       3D 0.02       20876 s at       3D 0.02         201156 s at       3D 0.02       209933 s at       3D 0.02         21495 x at       3D 0.02       202557 at       3D 0.02         221708 s at       3D 0.02       208070 s at       3D 0.02						
243589_at       3D 0.02       1553993_s_at       3D 0.02         234486_at       3D 0.02       201588_at       3D 0.02         210205_at       3D 0.02       213387_at       3D 0.02         201995_at       3D 0.02       224988_at       3D 0.02         203635_at       3D 0.02       203566_s_at       3D 0.02         218053_at       3D 0.02       205219_s_at       3D 0.02         226861_at       3D 0.02       218228_s_at       3D 0.02         205483_s_at       3D 0.02       201552_at       3D 0.02         203526_s_at       3D 0.02       209734_at       3D 0.02         201156_s_at       3D 0.02       20876_s_at       3D 0.02         224871_at       3D 0.02       202557_at       3D 0.02         211495_x_at       3D 0.02       208770_s_at       3D 0.02         221708_s_at       3D 0.02       208070_s_at       3D 0.02						
234486 at 3D 0.02 201588 at 3D 0.02 210205 at 3D 0.02 213387 at 3D 0.02 201995 at 3D 0.02 224988 at 3D 0.02 203635 at 3D 0.02 203566 s at 3D 0.02 218053 at 3D 0.02 205219 s at 3D 0.02 226861 at 3D 0.02 218228 s at 3D 0.02 204258 at 3D 0.02 201552 at 3D 0.02 205483 s at 3D 0.02 209734 at 3D 0.02 203526 s at 3D 0.02 209734 at 3D 0.02 20156 s at 3D 0.02 209734 s at 3D 0.02 201156 s at 3D 0.02 209933 s at 3D 0.02 224871 at 3D 0.02 202557 at 3D 0.02 211495 x at 3D 0.02 201793 s at 3D 0.02 221708 s at 3D 0.02 208070 s at 3D 0.02 201793 s at 3D 0.02						
210205 at       3D       0.02       213387 at       3D       0.02         201995 at       3D       0.02       224988 at       3D       0.02         203635 at       3D       0.02       203566 s at       3D       0.02         218053 at       3D       0.02       205219 s at       3D       0.02         226861 at       3D       0.02       218228 s at       3D       0.02         204258 at       3D       0.02       201552 at       3D       0.02         205483 s at       3D       0.02       209734 at       3D       0.02         203526 s at       3D       0.02       20876 s at       3D       0.02         201156 s at       3D       0.02       209933 s at       3D       0.02         224871 at       3D       0.02       202557 at       3D       0.02         211495 x at       3D       0.02       208070 s at       3D       0.02         221708 s at       3D       0.02       208070 s at       3D       0.02		3D		1553993_s_at	3D	0.02
201995_at       3D       0.02       224988_at       3D       0.02         203635_at       3D       0.02       203566_s_at       3D       0.02         218053_at       3D       0.02       205219_s_at       3D       0.02         226861_at       3D       0.02       218228_s_at       3D       0.02         204258_at       3D       0.02       201552_at       3D       0.02         205483_s_at       3D       0.02       209734_at       3D       0.02         203526_s_at       3D       0.02       208876_s_at       3D       0.02         201156_s_at       3D       0.02       209933_s_at       3D       0.02         224871_at       3D       0.02       202557_at       3D       0.02         211495_x_at       3D       0.02       210793_s_at       3D       0.02         221708_s_at       3D       0.02       208070_s_at       3D       0.02	234486_at	3D	0.02	201588 at	3D	0.02
201995_at       3D       0.02       224988_at       3D       0.02         203635_at       3D       0.02       203566_s_at       3D       0.02         218053_at       3D       0.02       205219_s_at       3D       0.02         226861_at       3D       0.02       218228_s_at       3D       0.02         204258_at       3D       0.02       201552_at       3D       0.02         205483_s_at       3D       0.02       209734_at       3D       0.02         203526_s_at       3D       0.02       208876_s_at       3D       0.02         201156_s_at       3D       0.02       209933_s_at       3D       0.02         224871_at       3D       0.02       202557_at       3D       0.02         211495_x_at       3D       0.02       210793_s_at       3D       0.02         221708_s_at       3D       0.02       208070_s_at       3D       0.02	210205 at	3D	0.02	213387 at	3D	0.02
203635_at       3D       0.02       203566_s_at       3D       0.02         218053_at       3D       0.02       205219_s_at       3D       0.02         226861_at       3D       0.02       218228_s_at       3D       0.02         204258_at       3D       0.02       201552_at       3D       0.02         205483_s_at       3D       0.02       209734_at       3D       0.02         203526_s_at       3D       0.02       208876_s_at       3D       0.02         201156_s_at       3D       0.02       209933_s_at       3D       0.02         224871_at       3D       0.02       202557_at       3D       0.02         211495_x_at       3D       0.02       210793_s_at       3D       0.02         221708_s_at       3D       0.02       208070_s_at       3D       0.02		3D				
218053_at       3D 0.02       205219_s_at       3D 0.02         226861_at       3D 0.02       218228_s_at       3D 0.02         204258_at       3D 0.02       201552_at       3D 0.02         205483_s_at       3D 0.02       209734_at       3D 0.02         203526_s_at       3D 0.02       208876_s_at       3D 0.02         201156_s_at       3D 0.02       209933_s_at       3D 0.02         224871_at       3D 0.02       202557_at       3D 0.02         211495_x_at       3D 0.02       210793_s_at       3D 0.02         221708_s_at       3D 0.02       208070_s_at       3D 0.02						
226861_at       3D       0.02       218228_s_at       3D       0.02         204258_at       3D       0.02       201552_at       3D       0.02         205483_s_at       3D       0.02       209734_at       3D       0.02         203526_s_at       3D       0.02       208876_s_at       3D       0.02         201156_s_at       3D       0.02       209933_s_at       3D       0.02         224871_at       3D       0.02       202557_at       3D       0.02         211495_x_at       3D       0.02       210793_s_at       3D       0.02         221708_s_at       3D       0.02       208070_s_at       3D       0.02						
204258_at       3D 0.02       201552_at       3D 0.02         205483_s_at       3D 0.02       209734_at       3D 0.02         203526_s_at       3D 0.02       208876_s_at       3D 0.02         201156_s_at       3D 0.02       209933_s_at       3D 0.02         224871_at       3D 0.02       202557_at       3D 0.02         211495_x_at       3D 0.02       210793_s_at       3D 0.02         221708_s_at       3D 0.02       208070_s_at       3D 0.02						
205483 s at 3D 0.02       209734 at 3D 0.02         203526 s at 3D 0.02       208876 s at 3D 0.02         201156 s at 3D 0.02       209933 s at 3D 0.02         224871 at 3D 0.02       202557 at 3D 0.02         211495 x at 3D 0.02       210793 s at 3D 0.02         221708 s at 3D 0.02       208070 s at 3D 0.02						
203526 s at 3D 0.02       208876 s at 3D 0.02         201156 s at 3D 0.02       209933 s at 3D 0.02         224871 at 3D 0.02       202557 at 3D 0.02         211495 x at 3D 0.02       210793 s at 3D 0.02         221708 s at 3D 0.02       208070 s at 3D 0.02		3D	0.02	201552_at	3D	
203526 s at 3D 0.02       208876 s at 3D 0.02         201156 s at 3D 0.02       209933 s at 3D 0.02         224871 at 3D 0.02       202557 at 3D 0.02         211495 x at 3D 0.02       210793 s at 3D 0.02         221708 s at 3D 0.02       208070 s at 3D 0.02	205483 s at	3D	0.02	209734 <sup>—</sup> at	3D	
201156 s at 3D 0.02       209933 s at 3D 0.02         224871 at 3D 0.02       202557 at 3D 0.02         211495 x at 3D 0.02       210793 s at 3D 0.02         221708 s at 3D 0.02       208070 s at 3D 0.02						
224871_at 3D 0.02 202557_at 3D 0.02 211495_x_at 3D 0.02 210793_s_at 3D 0.02 221708_s_at 3D 0.02 208070_s_at 3D 0.02						
211495_x_at 3D 0.02 210793_s_at 3D 0.02 221708_s_at 3D 0.02 208070_s_at 3D 0.02						
221708_s_at 3D 0.02 208070_s_at 3D 0.02						
212059_s_at 3D 0.02 214473_x_at 3D 0.02						
	212059_s_at	3D	0.02	214473_x_at	3D	0.02

213314_at	3D	0.02	1568592 at	3D	0.03
204972_at	3D	0.02	223944_at	3D	0.03
202948_at	3D	0.02	2099 <b>60</b> _at	3D	0.03
203814_s_at	ЗD	0.02	22 <b>4474</b> x at	3D	0.03
202655_at	3D	0.02	204562_at	3D	0.03
201912_s_at 211270_x_at	3D	0.02	205081 <u>a</u> t	3D	0.03
211270_x_at	3D	0.02	216251 s at	3D	0.03
225392_at	3D	0.02	209 <b>417</b> s at	3D	0.03
207176_s_at	3D	0.02	225686 at	3D	0.03
225404_at	3D	0.02	214366_s_at	3D	0.03
227220 at	3 D	0.02	204918_s_at	3D	0.03
201643_x_at	3D	0.02	202675 at	3D	0.03
203837_S_at	3D	0.02	208990_s_at	3D	0.03
211345_x_at	3D	0.02	208112_x_at	3D	0.03
202307_s_at	3D	0.02	201590_x_at		0.03
202912_at	3D	0.02	210105_s_at	3D	0.03
201202_at	3D	0.02	215193_x_at	3D	0.03
224377_s_at	3D	0.02	202300_at	3D	0.03
211942_x_at	3D	0.02	1555950_a_at		0.03
	3D	0.02	211404_s_at		0.03
209135_at	30	0.02	203524_s_at		0.03
201580_s_at		0.02	231918_s_at	3D	0.03
228308_at	3D	0.02	32209_at		0.03
217986_s_at	3D	0.02	219613_s_at		0.03
209835 x at	3D	0.02	22 <b>4791_</b> at		0.03
201377_at		0.02	219290_x_at		0.03
	3D	0.02	1556283_s_at		0.03
	3D	0.02	210886_x_at	3D	0.03
202039_at 226956_at	3D	0.02	212273 <u>x</u> at		0.03
226956_at	3D	0.02	218348_s_at		0.03
201743_at		0.02	215838_at		0.03
221864_at	3D	0.02	200822_x_at		0.03
217811_at 201975_at	3D	0.02	200747_s_at		0.03
2019/5_at	3D	0.02	218917_s_at		0.03
222987_s_at		0.02	204269_at		0.03
219293_s_at	3D	0.02	218983_at		0.03
200834_s_at	3D	0.02	212457_at		0.03
213618_at	3D	0.02	216338_s_at		0.03
200010_at	3D	0.02	210649_s_at		0.03
1553043_a_at		0.02	202778_s_at		0.03
214709_s_at		0.02	207224_s_at		0.03
204373_s_at	3D	0.02	208746_x_at	3D	0.03
221541_at	3D	0.02	203818_s_at	3D	0.03
200888_s_at 203985 at	3D	0.02 0.02	224796_at	3D	0.03
203905_ac 210907 s at	3D 3D	0.02	212927_at	3D	0.03
202812 at	3D	0.02	215424_s_at	3D	0.03
201146 at	3D	0.02	218443_s_at 202184 s at	3D	0.03
201140_ac 209393 s at	3D	0.02		3D	
209393_s_at 209215_at	3D	0.02	203344_s_at 204786 s at	3D	0.03
200030 s at	3D	0.02	204786_s_at 218888 s at	3D 3D	0.03
1567458_s_at		0.02	210000_s_at 200661 at	3D	0.03 0.03
203912 s at	3D	0.02	200001_ac 222476 at		0.03
218979_at	3D	0.02		3D	
224721_at	3D	0.02	205789_at 219209 at	3D 3D	0.03 0.03
224721_ac 224701 at	3D	0.02	219209_at 208641 s at	3D	0.03
202553 s at	3D	0.03	208641_s_at 218357 s at	3D	0.03
202555_s_at 224511 s at	3D	0.03	218357_s_at 223199 at	3D	0.03
217740 x at	3D	0.03	225199_at 225210 s at	3D	
217740_x_at 217916 s at	3D	0.03	223210_s_at 217725 x at	3D	0.03
204466 s at	3D	0.03	1568720 at	3D	0.03
202914 s at	3D	0.03	209189 at	3D	0.03
201695 s at	3D	0.03	219125 s at	3D	0.03
208685 x at	3D	0.03	201472 at	3D	0.03
	J <i>U</i>	0.00	2014/2_ac	שכ	0.03

228499_at	3D	0.03	224723_x_at	3D	0.03
228253 at		0.03	220603_s_at	3D	0.03
228253_at 209064_x_at	3D	0.03	231896 s at	3D	0.03
218095_s_at	3D	0.03	203555 at	3D	0.03
213111 at	3D	0.03	200816 s at	3D	0.03
222488 s at		0.03	218048_at	3D	0.03
223062 s_at		0.03	216565 v at	3D	0.03
219357 at		0.03	216565_x_at 202888_s_at	3D	0.03
201980_s_at		0.03	202006_s_at 208116_s_at	3D	0.03
218532 s at					
		0.03	214453_s_at		0.03
218425_at		0.03	209155_s_at	3D	0.03
208911_s_at	3D	0.03	218514_at 212740 at	3D	0.03
208893_s_at		0.03			0.03
226060_at		0.03	214800_x_at		0.03
202191_s_at		0.03	203045_at		0.03
209534_x_at	3D	0.03	223460_at	3D	0.03
233168_s_at	3D	0.03	224787_s_at		0.03
209288_s_at			211714_x_at		0.03
202364_at		0.03	209382_at		0.03
1552942_at		0.03	224599 <u>a</u> t		0.03
218387_s_at	3D	0.03			0.03
209034_at	3D	0.03	201476_s_at		0.03
58994 <u>a</u> t		0.03	20 <b>2664</b> _at		0.03
201350_at	3D	0.03	222408_s_at	3D	0.03
203506_s_at 202946_s_at	3D	0.03	225707_at	3D	0.03
202946_s_at	3D	0.03	218014 at	3D	0.03
212779_at	3D	0.03	200655_s_at	3D	0.03
203086_at	3D	0.03	22 <b>4614</b> at	3D	0.03
202082 <u>s</u> at	3D	0.03	219079_at	3D	0.03
227018 at		0.03	2018 <b>92</b> s at	3D	0.03
216652 s at	3D	0.03	201892_s_at 34858_at	3D	0.03
203185 at	3D	0.03	20859 <del>8</del> s at	3D	0.03
208284 x at	3D	0.03	225985 at		0.03
		0.03	224173 s at	3D	0.03
223533_at 203544_s_at	3D	0.03	223145 s at	3D	0.03
1555037 <u>a</u> at	3D	0.03	217989 at	3D	0.03
223738 s at	3D	0.03	202897_at	3D	0.03
32091 <u>a</u> t	3D	0.03	223 <b>25</b> 3 at	3D	0.03
$22014\overline{0}$ s at	3D	0.03	223 <b>25</b> 3_at 225711_at	3D	0.03
234942_s_at		0.03	212860 at	3D	0.03
209067 s at	3D	0.03	201043 s at	3D	0.03
219505 at	3D	0.03	208932_at	3D	0.03
200038 s at	3D	0.03	200673 at	3D	0.03
206335 at	3D	0.03	219759 at	3D	0.03
219999 at	3D	0.03	2050 <b>4</b> 0 at	3D	0.03
206016_at	3D	0.03	238066 at	3D	0.03
223602 at	3D	0.03	224992_s_at	3D	0.03
208030 s at	3D	0.03	218853 s at	3D	0.03
31861 at	3D	0.03	207605 x at	3D	0.03
<del>-</del>	3D	0.03	228573 at	3D	0.03
204490_s_at	3D	0.03	207419_s_at	3D	0.03
203672 x at	3D	0.03	201925 s at	3D	0.03
1560821 at	3D	0.03	216268 s at	.3D	0.03
202437 s at	3D	0.03	210200_5_at 214553 s at	3D	0.03
218803 at		0.03			
204070_at	3D 3D	0.03	200780_x_at 223064 at	3D 3D	0.03 0.03
		0.03		3D	
224790_at	3D		206983_at		0.03
217923_at	3D	0.03	229436_x_at	3D	0.03
222493_s_at	3D	0.03	225975_at	3D	0.03
200623_s_at	3D	0.03	201179_s_at	3D	0.03
212861_at	3D	0.03	218723_s_at	3D	0.03
201556_s_at	3D	0.03	215667_x_at	3D	0.03
227475_at	3D	0.03			0.03
225890_at	3D	0.03	206188_at	3D	0.03

226906 s at	3D	0.03	209435_s at	3D	0.03
208928 at	3D	0.03	204225_at		0.03
201238 s at	3D	0.03	223466 x at		0.03
226300 at	3D	0.03	201133_s_at		0.03
207543 s at	3D	0.03	40420 at		0.03
235683 at	3D	0.03	21861 <u>6</u> at		0.03
235683_at 202228 s at	3D	0.03	208892 s at	3D	0.03
206782_s_at	3D	0.03	208892 <u>s</u> at 200651_at	3D	0.03
213626 at	3D	0.03	201322 at	3D	0.03
202471 s at	3D	0.03	204615_x_at		0.03
1555814_a_at		0.03	55705_at	3D	0.03
$224930 \times at$	3D	0.03	21286 <mark>2</mark> _at 221014_s_at	3D	0.03
203143 s at	3D	0.03	221014 s at	3D	0.03
223150_s_at	3D	0.03	201256_at	3D	0.03
207943_x_at		0.03	203688_at	3D	0.03
1552863_a_at		0.03	201178_at 236133_x_at	3D	0.03
200830_at		0.03	236133 <u>x</u> at	3D	0.03
211543_s_at		0.03	203487 <u> </u>	3D	0.03
212777_at		0.03	200874_s_at	3D	0.03
201807_at 201365_at	3D	0.03	208407_s_at		0.03
201365_at	3D	0.03	201724_s_at	3D	0.03
210561_s_at		0.03	224662_at		0.03
213620_s_at		0.03	218984_at	3D	0.03
218458_at	3D	0.03	204155_s_at	3D	0.03
225616_at 200717_x_at	3D	0.03	207163_s_at 207793_s_at	3D	0.03
		0.03	207793_s_at	3D	0.03
205067_at		0.03	218854_at		0.03
219666_at	30	0.03	217854_s_at	3D	0.03
210540_s_at 204415_at	30	0.03	204252_at 200932_s_at	3D	0.03
204415_at 207857 at	3D 2D	0.03	200932_s_at	3D	0.03
207857_at 211159 s at		0.03	224412_s_at	3D	0.03
		0.03	202638_s_at	3D 3D	$0.04 \\ 0.04$
203113_s_at 208619 at	3D	0.03	202787_s_at 203184 at	3D	0.04
200019_at 200975_at	3D	0.03	210317 s at	3D	0.04
218341 at		0.03	210317_3_at 212689_s_at		0.04
203076 s at		0.03	21003_5_dt		0.04
202717 s at	3D	0.03	200768 s at	3D	0.04
	3D	0.03	200629 at		0.04
218171 at		0.03	201769 at	3D	0.04
201862 s at		0.03	211889 x at		0.04
208728 s at	3D	0.03	201729 s at	3D	0.04
211711 s at	3D	0.03	200929 at	3D	0.04
233208 x at	3D	0.03	208420 x at	3D	0.04
214438_at	3D	0.03	200646_s_at	3D	0.04
203983_at	3D	0.03	219520_s_at	3D	0.04
217893_s_at	3D	0.03	216841_s_at	3D	0.04
219607_s_at	3D	0.03	209479_at	3D	0.04
218539_at	3D.	0.03	214866_at	3D	0.04
218841_at	3D	0.03	202135 <u>s_at</u>	3D	0.04
209536_s_at	3D	0.03	213535_s_at	3D	0.04
212152_x_at	3D	0.03	210378_s_at	3D	0.04
202497_x_at	3D	0.03	206636_at	3D	0.04
200777_s_at	3D	0.03	200959_at	3D	0.04
217803_at	3D	0.03	223398_at	3D	0.04
218383_at	3D	0.03	212864_at	3D	0.04
212973_at	3D	0.03	204328_at	3D	0.04
214427_at	3D	0.03	205042_at	3D	0.04
1552584_at	3D	0.03	1552263_at	3D	0.04
205668_at	3D	0.03	224846_at	3D	0.04
209901_x_at	3D	0.03	222231_s_at	3D	0.04
220320_at 217898 at	3D	0.03	224605_at 213080 x at	3D 3D	0.04
202155 s at	3D	0.03	213080_x_at 216221 s at	3D	0.04
202105_S_at	3D	0.03	210221_s_at	טכ	0.04

211972 x at	3D	0.04	206015 s at	3D	0.04
202864 s at	3D	0.04	204185 x at		0.04
211250 s at		0.04	213370_s_at		0.04
208992_s_at	3D	0.04			
			203461_at	3D	0.04
200981_x_at	3D	0.04	224574_at	3D	0.04
220731_s_at		0.04	204804_at	3D	0.04
212026_s_at	3D	0.04	204970_s_at	3D	0.04
201346 at	3D	0.04	206632_s_at	3D	0.04
201761 <u></u> at	3D	0.04	229521_at	3D	0.04
221764 at	3D	0.04	222636_at	3D	0.04
221764_at 231059_x_at	3D	0.04			
			200094_s_at		0.04
212742_at		0.04	205462 <u>s</u> at		0.04
217874_at	3D	0.04	211991_s_at	3D	0.04
207008_at	3D	0.04	` 200014_s_at	3D	0.04
ノーイノノカ ヨモ	<11)	0.04	200689 x at	3D	0.04
211794_at	3D	0.04	224602 at	3D	0.04
217750 s at	3D	0.04	218718 at	3D	0.04
238974 at		0.04	220741 s at		0.04
200605 s at		0.04			
			201358_s_at	3D	0.04
222530_s_at		0.04	208120_x_at	3D	0.04
207335_x_at		0.04	201530_x_at	3D	0.04
218530_at	3D	0.04	204246_s_at	3D	0.04
218909_at	3D	0.04	202637_s_at	3D	0.04
218047 at	3D	0.04	218751 s at	3D	0.04
204477_at	3D	0.04	208304 at	3D	0.04
217299 s at	3D	0.04	205707 at	3D	0.04
212014 x at		0.04	200829_x_at		
218498 s at		0.04	200629_X_at		0.04
			202418_at	3D	0.04
203462_x_at		0.04	233647_s_at	3D	0.04
201453_x_at	3D	0.04	209667_at	3D	0.04
204367_at		0.04	202604_x_at	3D	0.04
203243 <u>s</u> at		0.04	226038_at	3D	0.04
208912_s_at	3D	0.04	239598_s_at	3D	0.04
212305_s_at	3D	0.04	221775 x at	3D	0.04
210088 x at	3D	0.04	208696 at	3D	0.04
214290 <u>s</u> at	3D	0.04	212782 x at	3D	0.04
210532 s at		0.04	218011 at	3D	0.04
225517 at	3D	0.04	222652 s at	3D	0.04
213501 at	3D	0.04	218018 at		0.04
	3D			3D	
207522_s_at		0.04	210616_s_at		0.04
213226_at	3D	0.04	212050_at	3D	0.04
211725_s_at		0.04	208405 <u>s_</u> at	3D	0.04
213590_at	3D	0.04	208975 <u>s</u> at	3D	0.04
203880_at	3D	0.04	204254_s_at	3D	0.04
220052_s_at	3D	0.04	213036_x_at	3D	0.04
218474 s at	3D	0.04	218088 s at	3D	0.04
206090 s at		0.04	212558 at	3D	0.04
205349 at		0.04	203234 at	3D	0.04
226811_at	3D	0.04	201443 s at	3D	0.04
221763 at	3D	0.04			
			207131_x_at	3D	0.04
220684_at		0.04	218492_s_at	3D	0.04
207573_x_at		0.04	209696_at	3D	0.04
202670_at	3D	0.04	208852_s_at	3D	0.04
203362_s_at	3D	0.04	1553906_s_at	3D	0.04
208742_s_at	3D	0.04	220112 at	3D	0.04
210453 x at		0.04	202249 s at	3D	0.04
213045 at	3D	0.04	212532 s at	3D	0.04
203508 at	3D	0.04	213356 x at	3D	0.04
222410 s at	3D	0.04	213330_X_ac 223501 at	3D	
201487 at	3D				0.04
<del></del>		0.04	219929_s_at	3D	0.04
201200_at	3D	0.04	200045_at	3D	0.04
218131_s_at	3D	0.04	200022_at	3D	0.04
202290_at	3D	0.04	219242_at	3D	0.04
1553133_at	3D	0.04	203345 <u>_</u> s_at	3D	0.04

205251 at	3D	0.04	200710 at	3E	1.07e-05
208675 s at	3D	0.04	203255_at	3E	
					1.1e-05
217955_at	3D	0.04	218157_x_at	3E	1.12e-05
218139_s_at	3D	0.04	224564_s_at	3E	1.13e-05
212081_x_at	3D	0.04	209458_x_at	3E	1.13e-05
1552257_a_at		0.04	200033_at	3E	1.13e-05
225919_s_at	3D	0.04	202157_s_at	3E	1.14e-05
203885_at	3D	0.04	220980_s_at	3 <b>E</b>	1.16e-05
201060_x_at	3E	2.81e-08	200983_x_at	3E	1.16e-05
209240_at	ЗE	8.4e-08	222913_at	3E	1.17e-05
218740_s_at	3E	1.2e-07	54632_at	3E	1.23e-05
218064_s_at	3 <b>E</b>	1.46e-07	220000_at	ЗE	1.24e-05
201061_s_at	3E	2.2e-07	228318_s_at	3E	1.29e-05
203560 at	3E	2.43e-07	229120 s at	3E	1.39e-05
201057_s_at	ЗE	2.48e-07	203694_s_at	ЗE	1.48e-05
203624_at	3E	3.78e-07	1555866 a at	.3E	1.49e-05
203744_at	3E	4.13e-07	219049_at	3E	1.51e-05
202955_s_at	3E	4.99e-07	220712_at	3E	1.52e-05
203723_at	3E	7.04e-07	211699 x at	3E	1.73e-05
238701 x at	3E	7.87e-07	215207 x at	3 <b>E</b>	1.75e-05
206792_x_at	3E	1.02e-06	210648_x_at	3E	1.75e-05
213545 x at	3E	1.47e-06	205546 s at	3E	1.75e-05
202104 s at	3E	1.71e-06	200041 s at	3E	1.75e-05
1553718 at	3E	1.73e-06	224707 at	3E	1.76e-05
227833 s_at	3E	1.75e-06	201598 s at	3E	1.77e-05
208246 x at	3E	1.91e-06	202031 s at	3E	1.78e-05
1562511 at	3E	1.91e-06	202522 at	3E	1.78e-05
214002 at	3E	1.98e-06	212359 s at	3E	1.94e-05
235327 x at	3E	2.0e-06	217868 s at	3E	2.09e-05
203317 at	3E	2.02e-06	230529 at	3E	2.1e-05
244756 at	3E	2.34e-06	219040 at	3E	2.13e-05
218067 s at	3E	2.38e-06	205370 x at	3E	2.2e-05
204404 at	3E	2.59e-06	220046 s at	3E	2.3e-05
227267_at	3E	2.89e-06	213347 x at	3E	2.3e-05
208773 s at	3E	2.89e-06	1555606 a at		2.43e-05
213932 x at	3E	3.03e-06	203021 at	3E	2.47e-05
202014 at	3E	3.1e-06	243981 at	3E	2.56e-05
220856 x at	3E	3.82e-06	224965 at	3E	2.59e-05
208781 x at	3E	3.83e-06	218920 at	3E	2.65e-05
204158 s at	3E	4.11e-06	217414 x at	3E	
203380 x at	3E	4.2e-06	236621 at	3E	2.74e-05
208498_s_at	3 <b>E</b>	4.86e-06	219957 at	3E	
220071 x at	3E	4.92e-06	203900 at	3E	2.76e-05
205786 s at	3E	4.94e-06	212753 at	3E	2.82e-05
202180 s at	3E	5.2e-06	200899 s at	3E	2.82e-05
223697 x at	3E	5.86e-06	236436 at	3E	2.94e-05
1563497_at	3E	6.13e-06	219594 at	3E	3.05e-05
200871 s at	3E	6.22e-06	210638 s at	3E	3.05e-05
214003 x at	3E	6.47e-06	209430 at	3E	3.22e-05
234981 x at	3E	6.64e-06	209116 x at	3E	3.34e-05
201599 at	3E	6.8e-06	203442 x at	3E	3.39e-05
203943 at	3E	6.82e-06	201748_s_at	3E	3.41e-05
222311 s at	3E	7.78e-06	209148 at	3E	3.49e-05
219981 x at	3E	8.34e-06	206177 s at	3E	3.55e-05
213836 s at	3E	8.49e-06	201972 at	3E	3.6e-05
202361 at	3E	8.54e-06	206676 at	3E	3.61e-05
1552302 at	3E	8.68e-06	210981_s_at	3E	3.65e-05
224667 x at	3E	8.97e-06	204018 x at	3E	3.7e-05
220439 at	3E	8.97e-06	204010_X_ac 204193 at	3E	3.75e-05
213956 at	3E	9.11e-06	226334 s at	3E	3.86e-05
210244 at	3E	9.91e-06	218298 s at	3E	3.86e-05
208718 at	3E	1.01e-05	205312 at	3E	3.95e-05
210428 s at			<del></del>		
	3E	1.06e-05	207474 at	3E	3.95e-05
201010 s at	3E 3E	1.06e-05 1.06e-05	207474_at 213185 at	3E 3E	3.95e-05 3.97e-05

```
200889 s at
                   4.06e-05
              3E
                                           201389 at
                                                         3E
                                                              7.64e-05
207941 s_at
              ЗE
                   4.14e-05
                                           224616 at
                                                         3E
                                                              7.68e-05
202460 s at
              ЗE
                   4.17e-05
                                           220446 s at
                                                         3E
                                                              7.82e-05
202377_at
              3E
                   4.2e-05
                                           213867_x_at
                                                         3E
                                                              7.91e-05
212969_x_at
              3E
                   4.23e-05
                                           225756 at
                                                         3E
                                                              8.15e-05
202891 at
              3E
                  4.33e-05
                                           209057_x_at
                                                         3E
                                                              8.16e-05
              3E
223857_x_at
                  4.41e-05
                                           201315_x_at
                                                         3E
                                                              8.19e-05
203288 at
              3E
                  4.49e-05
                                           205513_at
                                                         3E
                                                              8.23e-05
207365_x_at
              3E
                  4.5e-05
                                           207730_x_at
                                                         3E
                                                              8.38e-05
218079_s_at
              3E
                  4.54e-05
                                                         3E
                                           226076_s_at
                                                              8.41e-05
201055_s_at
              3E
                  4.54e-05
                                           219259 at
                                                         3E
                                                              8.43e-05
225120_at
              3E
                  4.6e-05
                                           208857_s_at
                                                         3E
                                                              8.52e-05
214055 x at
              3E
                  4.6e-05
                                                         3E
                                           1554455 at
                                                              8.52e-05
                  4.6e-05
202503 s at
              3E
                                           208943 s at
                                                         3E
                                                              8.55e-05
200021 at
              3E
                  4.6e-05
                                           213622 at
                                                         3E
                                                              8.62e-05
203925 at
              3E
                  4.77e-05
                                           202951 at
                                                         3E
                                                              8.8e-05
226091_s_at
              3E
                  4.89e-05
                                           212661 x at
                                                         3E
                                                              8.88e-05
239740 at
              3E
                  4.89e-05
                                           201475 x at
                                                         3E
                                                              8.88e-05
202957 at
                  4.93e-05
              3E
                                           235479 at
                                                         3E
                                                              8.96e-05
209619 at
              3E
                  4.97e-05
                                           208835 s at
                                                         3E
                                                              8.96e-05
214665 s at
              3E
                  5.05e-05
                                           201582 at
                                                         3E
                                                              8.96e-05
201221_s_at
              3E
                  5.12e-05
                                           202057 at
                                                         3E
                                                              9.05e-05
211745 x at
              3E
                  5.18e-05
                                           200801 x at
                                                         3E
                                                              9.07e-05
205583 s at
              3E
                  5.28e-05
                                           235816 s at
                                                         3E
                                                              9.14e-05
231735 s at
              3E
                  5.33e-05
                                           217728 at
                                                         3E
                                                              9.23e-05
202251 at
              3E
                  5.63e-05
                                           220933_s_at
                                                              9.51e-05
                                                         3E
205716 at
              3E
                  5.67e~05
                                           211696_x_at
                                                         3E
                                                              9.53e-05
225191 at
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                  5.68e-05
                                           210142_x_at
                                                              9.59e-05
                                                         3E
219452 at
              3E
                  5.68e-05
                                           201136 at
                                                              9.62e-05
                                                         3E
1563455 at
              3E
                  5.77e-05
                                           202880_s_at
                                                         3E
                                                              9.73e-05
204425 at
                  5.83e-05
              3E.
                                           221858 at
                                                         3E
                                                              9.74e-05
                  5.83e-05
222981 s at
              3E
                                           212024_x_at
                                                              9.78e-05
                                                         3E
                  5.85e-05
1553185 at
              3E
                                           201554_x_at
                                                         3E
                                                              9.79e-05
206035 at
              3E
                  5.87e-05
                                           36994 at
                                                         3E
                                                              1.03e-04
AFFX-
                                           22003<u>4</u>at
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                                                         3E
                                           209140_x_at
                  5.96e-05
hum alu at
              3E
                                                              1.03e-04
                                                         3E
                  6.0e-05
                                           214938_x_at
221500 s at
              3E
                                                         3E
                                                              1.04e-04
                  6.04e-05
                                           204692 at
202841 \times at
              3E
                                                              1.04e-04
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213065 at
              3E
                  6.06e-05
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                                                         3E
209409 at
              3E
                  6.16e-05
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212531 at
              3E
                  6.24e-05
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                                                              1.06e-04
                                                         3E
78047_s_at
                  6.27e-05
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                                                         3E
                                                              1.07e-04
225995 x at
              3E
                  6.57e-05
                                           214135 at
                                                         3E
                                                              1.08e-04
44146 at
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                  6.58e-05
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                                                         3E
214459 x at
              3E
                  6.6e-05
                                           225218 at
                                                              1.09e-04
                                                         3E
                  6.68e-05
206323 x at
              3E
                                           222605_at
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                                                              1.09e-04
219980 at
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                  6.72e-05
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                                                         3E
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213624 at
              3E
                  6.78e-05
                                           212706 at
                                                         3E
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                                                         3E
                                                              1.1e-04
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                  6.87e-05
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                                                         3E
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219672 at
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                  7.0e-05
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1558111_at
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                  7.04e-05
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213671_s_at
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                  7.06e-05
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                  7.1e-05
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                                                         3E
                                                              1.14e-04
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200726_at
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                  7.16e-05
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                                                              1.15e-04
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                  7.18e-05
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211749_s_at
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                  7.29e-05
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                                           218941 at
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                  7.32e-05
                                                         3E
                                                              1.23e-04
                                           207269 at
217928_s_at
              3E
                  7.35e-05
                                           208812_x_at
                                                         3E
                                                              1.23e-04
207783 x at
              3E
                  7.5e-05
                                           208174 x at
                                                         3E
                                                              1.23e-04
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201805_at
                  1.26e-04
                                           208610 s at
                                                         3E
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              3E
                                           1552553 a at 3E
219186_at
              3E
                  1.28e-04
                                                             2.01e-04
              3E
212576 at
                  1.28e-04
                                           218600 at
                                                         3E
                                                             2.03e-04
221511_x_at
                  1.28e-04
                                           201576_s_at
              3E
                                                         3E
                                                             2.08e-04
200797_s_at
203370_s_at
              3E
                  1.28e-04
                                           203535 at
                                                         3E
                                                             2.09e-04
              3E
                  1.3e-04
                                           227094 at
                                                         3E
                                                             2.1e-04
              3E
                  1.3e-04
                                           218039 at
                                                         3E
                                                             2.11e-04
204714_s_at
                  1.33e-04
                                           201071_x_at
                                                         3E
202624_s_at
              3E
                                                             2.11e-04
219678_x_at
              3E
                  1.34e-04
                                           203034_s_at
                                                         3E
                                                             2.12e-04
218905_at
              3E
                  1.35e-04
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                                                         3E
                                                             2.13e-04
                                           215832_x_at
212988_x_at
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                  1.35e-04
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                                                             2.15e-04
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                                           211883_x_at
                                                         3E
                                                             2.16e-04
206834 at
              3E
                  1.42e-04
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                                                         3E
                                                             2.16e-04
208919_s_at
              3E
                  1.45e-04
                                           206790 s at
                                                         3E
                                                             2.17e-04
208749_x_at
                  1.46e-04
              3E
                                           201903 at
                                                         3E
                                                             2.17e-04
231922_at
                  1.48e-04
                                           202607 at
              3E
                                                         3E
                                                             2.21e-04
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                  1.48e-04
                                           203752 s at
                                                             2.22e-04
216231 s at
                                                         3E
1570033 at
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                                           202902 s at
                                                         3E
                                                             2.22e-04
225649 s at
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                  1.5e-04
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                                                         3E
                                                             2.22e-04
227467 at
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                  1.51e-04
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                                                         3E
                                                             2.22e-04
211995 x at
              3E
                  1.53e-04
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                                                         3E
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227233 at
              3E
                  1.55e-04
                                           200663 at
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                                                             2.26e-04
236254 at
              3E
                  1.56e-04
                                           211275 s at
                                                         3E
                                                             2.32e-04
201395 at
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                  1.56e-04
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202573 at
              3E
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                                                             2.37e-04
203198 at
                                           202548 s at
                  1.57e-04
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                                                         ЗE
225508 at
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203455 s at
                                           205068 s at
                                                         3E
                                           201721_s_at
AFFX-HUMGAPDH/
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200650 s at
              3E
                                           210069 at
                                                         3E
                                                             2.43e-04
                  1.61e-04
222217_s_at
              3E
                                           201605_x_at
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                                                             2.44e-04
200031 s at
              3E
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                                           209806 at
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                                           202187_s_at
225374 at
              3E
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                                                             2.45e-04
211742 s at
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                                                             2.45e-04
205863 at
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                  1.63e-04
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                                                         3E
                                                             2.46e-04
213453_x_at
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                                           203318 s at
                                                             2.46e-04
              3E
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                  1.66e-04
219371_s_at
                                           212307 s_at
                                                         3E
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                                           205554_s_at
221619_s_at
                  1.67e-04
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              3E
                                                         3E
32259 at
                  1.68e-04
                                           225640 at
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              3E
                                                         3E
202220 at
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205865 at
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                                           204959 at
209252 at
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                                                             2.53e-04
207671 s at
                                           203502 at
                                                             2.54e-04
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                                                         ЗE
217817 at
                                           221580_s_at
                                                             2.54e-04
              3E
                  1.71e-04
                                                         3E
206209 s at
                  1.71e-04
                                                             2.56e-04
              3E
                                           1554892 a_at 3E
37796 at
              3E
                  1.72e-04
                                           213515 x at
                                                         3E
                                                             2.6e-04
                                           218578 at
232946 s at
              3E
                  1.72e-04
                                                         3E
                                                             2.63e-04
218595 s at
              3E
                   1.72e-04
                                           203110 at
                                                         3E
                                                             2.67e-04
211657 at
              3E
                  1.72e-04
                                           203254 s at
                                                         ЗE
                                                             2.7e-04
219359 at
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                   1.73e-04
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                                                         3E
                                                             2.73e-04
220238_s_at
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                   1.84e-04
                                           236165_at
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                                                             2.8e-04
                                           36030 at
213034 at
              3E
                   1.85e-04
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203282_at
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                  1.86e-04
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1553569_at
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                                           220467_at
208651_x_at
              3E
                  1.94e-04
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                                                             2.98e-04
                                           206240 s at
224250_s_at
              3E
                  1.99e-04
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                                                             2.98e-04
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37652_at
              3E
                  2.0e-04
                                           220416 at
                                                         3E
              3E
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                                                             3.0e-04
213280 at
                  2.01e-04
                                           37028 at
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207801_s_at	3E	3.01e-04	1553594_a_at	35	4.09e-04
221474 at	3E	3.07e-04	203922 s at		
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229872_s_at	3E	3.1e-04	211983_x_at	3E	4.15e-04
210004_at	3E	3.11e-04	218873_at	3E	4.19e-04
212203_x_at	3E	3.11e-04	201288_at	3E	4.21e-04
214084 x at	3E	3.16e-04	201118 at	3E	4.24e-04
218231 at	3E	3.16e-04	$211940^{-}$ x at	3E	4.3e-04
205400 at	3E	3.16e-04	228336 at	3E	4.32e-04
208898 at	3E	3.16e-04	225132 at	3E	4.37e-04
221269_s_at	3E	3.18e-04	221607 x at	3E	
1557915 s at					4.38e-04
		3.18e-04	235568_at	3E	4.41e-04
200905_x_at	3E	3.18e-04	1553749_at	3E	4.41e-04
213119_at	3E	3.21e-04	210128_s_at	3E	4.5e-04
202 <b>4</b> 31_s_at	3E	3.22e-04	209236_at	3E	4.55e-04
203804_s_at	3E	3.24e-04	212159 x at	3E	4.61e-04
213018 at	3E	3.25e-04	211185 s at	3E	4.61e-04
225294_s at	3E	3.3e-04	232520 s at	3E	4.62e-04
218950 at	3E	3.3e-04	218192 at	3E	4.62e-04
223097_at	3E	3.35e-04	222442_s_at	3E	4.62e-04
208012 x at	3E	3.35e-04	222825 at	3E	4.64e-04
202681 at	3E		207081 s at		
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AFFX-HSAC07/			225251_at	3E	4.7e-04
X00351_M	3E	3.38e-04	222156_x_at	3E	4.7e-04
200763_s_at	3E	3.41e-04	220881_at	3E	4.7e-04
220408_x_at	3E	3.42e-04	205950_s_at	3 <b>E</b>	4.75e-04
204192 at	3E	3.42e-04	208825 x at	3E	4.77e-04
203459_s_at	3E	3.45e-04	204446 s at	3E	4.83e-04
201356 at	3E	3.45e-04	211581 x at	3E	4.84e-04
209512 at	3E	3.47e-04	205237 at	3E	4.84e-04
211040 x at	3E	3.49e-04	227207 x at	3E	4.85e-04
211779 x at	3E	3.49e-04	212271 at	3E	4.85e-04
202910_s_at	3E				
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226177_at	3E	3.58e-04	220945_x_at	3E	4.9e-04
207674_at	3E	3.58e-04	201301_s_at	3E	4.92e-04
213341_at	3E	3.64e-04	233072_at	3E	4.94e-04
204633_s_at	3E	3.65e-04	20 <b>44</b> 78_s_at	3E	4.94e-04
209906_at	3E	3.66e-04	222447_at	ЗE	4.94e-04
203006_at	3E	3.66e-04	212015 x at	3E	4.98e-04
1553588_at	3E	3.66e-04	219457 s at	3E	5.01e-04
222667 s at	3E	3.68e-04	226566 at	3E	5.02e-04
202499 s at	3E	3.7e-04	223993_s_at	3E	5.02e-04
202426 s at	3E	3.7e-04	212780 at	3E	5.02e-04
237426 at	3E	3.72e-04	212227 x at	3E	5.02e 04
32099 at		3.72e-04			
	3E		200999_s_at	3E	5.04e-04
212733_at	3E	3.72e-04	89476_r_at	3E	5.08e-04
222435_s_at	3E	3.72e-04	91952_at	3E	5.12e-04
200791_s_at	3 <b>E</b>	3.72e-04	213340_s_at	3E	5.15e-04
202545_at	3E	3.78e-04	202302_s_at	3E	5.15e-04
220615_s_at	3E	3.84e-04	222262 s at	3E	5.17e-04
201357_s_at	3E	3.88e-04	201096_s_at	3E	5.19e-04
201716 at	3E	3.89e-04	201550 x at	3E	5.19e-04
217732 s at	3E	3.9e-04	209770 at	3E	5.22e-04
221547 at	3E	3.91e-04	200634 at	3E	5.23e-04
221875 x at	3E	3.93e-04	224414 s at	3E	5.27e-04
221075_x_at 220956 s at	3E	3.93e-04 3.93e-04			
			218543_s_at	3E	5.27e-04
213051_at	3E	3.94e-04	209771_x_at	3E	5.28e-04
209007_s_at	3E	3.94e-04	235396_at	3E	5.32e-04
211997_x_at	3E	3.97e-04	201914_s_at	3E	5.33e-04
207243_s_at	3E	3.97e-04	227379_at	3E	5.35e-04
204039_at	3E	3.99e-04	218583_s_at	3E	5.36e-04
40149_at	3E	4.01e-04	211978_x_at	3E	5.37e-04
22972 <del>3</del> _at	3E	4.08e-04	219095 at	3E	5.46e-04
57539 at	3E	4.08e-04	225076 s at	3E	5.5e-04
-					

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225289 at
              3E
                   5.5e-04
                                                             7.13e-04
                                           212460 at
                                                         3E
200863 s at
                   5.54e-04
              3E
                                           209369 at
                                                             7.13e-04
                                                         3E
205142 x at
              3E
                   5.58e-04
                                           215313 x at
                                                         3E
                                                             7.17e-04
219281 at
              3E
                   5.68e-04
                                           202096_s_at
                                                         3E
                                                             7.29e-04
244495_x_at
204007_at
                   5.73e-04
              3E
                                                         3E
                                                             7.32e-04
                                           205627 at
              3E
                   5.74e-04
                                                         3E
                                                             7.34e-04
                                           206656_s_at
213483_at
              3E
                   5.75e-04
                                                             7.36e-04
                                           233929_x_at
                                                         3E
201388_at
              3E
                   5.75e-04
                                           201082_s_at
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                                                             7.37e-04
220796_x_at
              3E
                   5.81e-04
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                                                             7.47e-04
                                           214550_s_at
202621_at
              3E
                   5.81e-04
                                           212329 at
                                                         3E
                                                             7.54e-04
208625_s_at
              3E
                   5.82e-04
                                           204520 \times at
                                                         3E
                                                             7.54e-04
204308_s_at
              3E
                   5.98e-04
                                           222708_s_at
                                                         3E
                                                             7.54e-04
200890_s_at
              3E
                   5.98e-04
                                           220742_s_at
                                                         3E
                                                             7.54e-04
                   6.04e-04
              3E
218303 x at
                                                         3E
                                                             7.68e-04
                                           200958 s_at
201768_s_at
              3E
                   6.04e-04
                                           208540 \times at
                                                         3E
                                                             7.69e-04
204031_s_at
              3E
                   6.12e-04
                                           1554679 a at 3E
                                                             7.71e-04
                   6.14e-04
1553567_s_at 3E
                                           206738 at
                                                         3E
                                                             7.75e-04
201531_at
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                  6.19e-04
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                                                         3E
                                                             7.83e-04
221790 s at
              3E
                  6.21e-04
                                           201673 s at
                                                         3E
                                                             7.83e-04
1554624 a at 3E
                   6.21e-04
                                           223417 at
                                                         3E
                                                             7.84e-04
              3E
                   6.25e-04
208632 at
                                           224789 at
                                                         3E
                                                             7.97e-04
              3E
202275 at
                   6.31e-04
                                           203175 at
                                                         3E
                                                             8.01e-04
1553570_x_at 3E
                   6.31e-04
                                           209004 s at
                                                             8.02e-04
                                                         3E
                                           204713 s at
226544 x at
              3E
                   6.32e-04
                                                         3E
                                                             8.07e-04
227236 at
              3E
                   6.32e-04
                                           212363 x at
                                                         ЗE
                                                             8.09e-04
206302 s at
              3E
                   6.32e-04
                                           200741_s_at
                                                         3E
                                                             8.1e-04
                                           215399_s_at
208904 s at
              3E
                   6.32e-04
                                                         3E
                                                             8.12e-04
204526 s at
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                   6.43e-04
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                                                             8.2e-04
218456 at
              3E
                   6.44e-04
                                           209879 at
                                                         3E
                                                             8.2e-04
52169 at
              3E
                   6.48e-04
                                           206559 \times at
                                                         3E
                                                             8.2e-04
212259 s at
              3E
                   6.48e-04
                                                             8.2e-04
                                           208643 s at
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202119 s at
              3E
                   6.54e-04
                                                             8.22e-04
                                           209791 at
                                                         3E
204211 x at
              3E
                   6.55e-04
                                                             8.24e-04
                                           219191 s at
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208642 s at
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                   6.58e-04
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                                           203568 s at
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212330 at
              3E
                   6.62e-04
                                           57739 at
                                                         3E
                                                             8.29e-04
213084 x at
                   6.68e-04
              3E
                                           222557 at
                                                         3E
                                                             8.44e-04
203012 x at
                   6.68e-04
              3E
                                           228230 at
                                                         ЗE
                                                             8.54e-04
209286 at
                   6.72e-04
                                                             8.59e-04
              3E
                                           204174 at
                                                         3E
204563 at
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                   6.73e-04
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219403_s_at
              ЗE
                   6.76e-04
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                                                             8.66e-04
                                                         3E
                                           215498 s at
266 s at
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                   6.77e-04
                                                             8.77e-04
                                                         ЗE
215089 s_at
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                                                             8.77e-04
217918 at
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218290 at
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                   6.85e-04
203514 at
              3E
                                           204950 at
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201232_s_at
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AFFX-HUMGAPDH/
                                           203186 s at
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                                                             8.88e-04
                   6.94e-04
M33197
              3E
                                           202381 at
                                                         3E
                                                             8.91e-04
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225282 at
              3E
                   6.97e-04
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                                                         3E
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209515_s_at
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                   7.08e-04
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                                                             9.2e-04
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                                           205277 at
                  7.11e-04
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                                                             9.35e-04
226050_at
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                  7.13e-04
                                           213261 at
                                                         3E
                                                             9.38e-04
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201009 s at	3E	9.39e-04	201257 x at	3E	1.089806e-03
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203314 at	3E	9.41e-04	201222 s at	3E	1.091981e-03
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228993 s at	3E	9.47e-04	201426_s_at 202161 at	3E	1.095152e-03
202029_x_at	3E	9.47e-04	243790_at	3E	1.096833e-03
226659_at	3E	9.49e-04	230036_at	3E	1.098007e-03
38069_at	3E	9.49e-04	216438_s_at	3E	1.10513e-03
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201827_at	3E	9.52e-04	207127_s_at	3E	1.105442e-03
209107_x_at	3E	9.55e-04	237591_at	3E	1.126902e-03
1552773_at	3E	9.6e-04	202909_at	3E	1.126902e-03
210716_s_at	3E	9.64e-04	244317_at	3E	1.136175e-03
218992_at	3E	9.66e-04	212593_s_at	3E	1.136175e-03
204204_at	3E	9.66e-04	220367_s_at	3E	1.142905e-03
200051_at	3E	9.66e-04	221791 s at	3E	1.142905e-03
214119 s at	3E	9.67e-04	218078 s at	3E	1.144406e-03
220659 s at	3E	9.7e-04	223376 s at	3E	1.149804e-03
214775 at	3E	9.72e-04	217783 s at	3E	1.159664e-03
204280 at	3E	9.72e-04	$213214 \times at$	3E	1.166967e-03
217837 s at	3E	9.73e-04	200948 at	3E	1.180337e-03
203134 at	3E	9.78e-04	$234873 \times at$	3E	1.181274e-03
	3 <b>E</b>	9.78e-04	1553297 a at		1.181367e-03
217473 x at	3E	9.84e-04	203385 at	3E	1.181992e-03
241353 s at	3E	9.89e-04	203355_at	3E	1.187508e-03
223044 at	3E	9.89e-04	227286 at	3E	1.188808e-03
202281 at	3E	9.89e-04	202117_at	3E	1.194795e-03
205895 s at	3E	9.89e-04	227391 x at	3E	1.195823e-03
205698 s at		9.89e-04			
	3E	9.94e-04	212895_s_at	3E	1.195823e-03
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48659_at	3E	1.057067e-03	202510_s_at	3E	1.250968e-03
212252_at	3E	1.058923e-03	$214721 \times at$	3E	1.255373e-03
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230925 at	3E	1.07041e-03	210996 s at	3E	1.257483e-03
226726 at	3E	1.074738e-03	213702 x at	3E	1.262895e-03
211509 s at	3E	1.074738e-03	1554316 at	3E	1.264703e-03
212437 at	3E	1.078411e-03	230712 at	3E	1.265455e-03
200819 s at	3E	1.079768e-03	203162 s at	3E	1.271446e-03
203936_s_at	3E	1.080269e-03	208729 x at	3E	1.271446e-03
204473 s at	3E	1.088342e-03	228531 at	3E	1.271942e-03
203360 s at	3E	1.089806e-03	218902 at	3E	1.271942e-03
209571 at	3E	1.089806e-03	200019 s at	3E	1.271942e 03
200660 at	3E	1.089806e-03	200019_s_at 200933 x at	3E	1.271942e-03
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215158 s at
46270 at
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                                                            1.537771e-03
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204614 at
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                                                        3E
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224573 at	3E	5.72064e-03	213538 at	3E	6.385882e-03
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212557 at	3E	5.753274e-03	210162 s at	3E	6.426373e-03
227540 at	3E	5.767802e-03	212543 at		
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201345 s at	3E	5.767802e-03	223387 at	3E	6.453849e-03
213974 at	3E	5.799827e-03	217819 at	3E	6.465225e-03
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206688 s at	3E	5.818293e-03	217908 s at	3E	6.494512e-03
201483 s at	3E	5.818662e-03	204034 at	3E	6.494512e-03
200949 x at	3E	5.824864e-03	200085 s at		
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217865 at	3E	5.846816e-03	202076 at	3E	6.547021e-03
1553561 at	3E	5.85038e-03	208909 at	3E	6.568883e-03
223303 at	3E	5.852615e-03	208779 x at	3E	6.568892e-03
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33304_at	3E	5.862908e-03	202 <b>41</b> 9_at	3E	6.584789e-03
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208886 at	3E	5.91748e-03	207 <b>4</b> 38 s at	3E	6.617791e-03
225281 at	3E	5.96124e-03	224480 s at	3E	6.643772e-03
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209380_s_at	3E	5.967748e-03	224415_s_at	3E	6.655995e-03
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218754 at	3E	5.986086e-03	203964 at	3E	6.661298e-03
223256 at	3E	5.986086e-03	201700 at	3E	6.689404e-03
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229510_at	3E	6.023452e-03	205178_s_at	3E	6.725276e-03
225753 at	3E	6.032082e-03	200852 x at	3E	6.731826e-03
217937 s at	3E	6.058306e-03	209344 at	3E	6.732151e-03
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225562 at	3E				
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200781 s at	3E	6.114241e-03	214501 s at	3E	6.812377e-03
227075 at	3E	6.127985e-03	218024 at	3E	6.813227e-03
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206025 s at	3E	6.225411e-03	221821 s at		
				3E	6.856306e-03
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208894_at	3E	6.245744e-03	225610 at	3E	6.92511e-03
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201455_s_at	3E	8.52124e-03	201715 s at	3E	9.234385e-03
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			203882_at	3E	9.322064e-03
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225375 at	3E	9.00602e-03	218223 s at	3E	9.848855e-03
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225969_at		9.948041e-03	47069_at	3E	0.01
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225819 at	২ দ ২ দ	9.973017e-03	210500_at	3E	
225819_at 206522_at	312	9.973017e-03	219599_at 229113_s_at		
206522_at	25	9.9730176-03	229113_s_at		0.01
201/46_at	ЗE	9.973017e-03	200097_s_at		0.01
201739_at	3E	9.973017e-03	209537 at	3E	0.01
225045 at	3E	9.97771e-03	226968_at	3E	0.01
225771 at	3E	0.01	202199 s at		0.01
209273 s at	315	0.01	202199_s_at 212697_at	35	0.01
202230 s at		0.01	222057_ac		
			239660_at		0.01
208843_s_at	3E	0.01	219690_at		0.01
204820_s_at	3E	0.01	22 <b>4</b> 608_s_at	3E	0.01
203437_at	3E	0.01	219256 s at	3E	0.01
210784 x at	3E	0.01	202985 s at		0.01
221647_s_at		0.01	44702 at		0.01
		0.01	202262	25	
224356_x_at 221080 s at	25		202263_at	3E	0.01
		0.01	21793 <b>4_</b> x_at	ЗE	0.01
214937_x_at		0.01	214339_s_at	3E	0.01
201963_at	3E	0.01	218478 s at	3E	0.01
207713_s_at	3E	0.01	201722_s_at		0.01
40225 at	3E		1563641 a at		
1552520_at	3E		235104 at		0.01
224837 at	20				
			219657_s_at		0.01
202803_s_at		0.01	205000_at		0.01
200734_s_at	3E	0.01	200746_s_at	3E	0.01
203457_at	3E	0.01	203710 at	3E	0.01
$155318\overline{6} \times at$	3E	0.01	22 <b>9250</b> _at		0.01
31845_at		0.01	228139_at		0.01
219774 at	3E	0.01	208677 s at		0.01
219774_at 217906_at	212				
21/906_at	3E		200800_s_at		0.01
213708_s_at		0.01	202771_at		0.01
205170_at		0.01	202299_s_at	ЗE	0.01
205383_s_at 207992 s at	3E	0.01	208895 s at	3E	0.01
207992 s at	3E	0.01	211136 s at	3E	0.01
209188_x_at		0.01	218627_at		0.01
203909 at	3E	0.01	202128 at		
				3E	0.01
204053_x_at			33646_g_at		0.01
200804_at	3E	0.01	219889_at	3E	0.01
224044_at	3E	0.01	22 <b>4733</b> _at	3E	0.01
225019_at	3E	0.01	214578 s at	3E	0.01
227131_at	3E	0.01	204487 s at	3E	0.01
210140_at	3E	0.01	203364_s_at	3E	0.01
204206 at		0.01			
204200_aL	3E		223637_s_at	3E	0.01
200718_s_at		0.01	225196_s_at	3E	0.01
201692_at	3E	0.01	216202_s_at	3E	0.01
212943_at	3E	0.01	201174 s at	3E	0.01
201163_s_at	3E	0.01	211372_s_at	3E	0.01
211750 x at	3E	0.01	214752 x at	3E	0.01
223280 x at	3E	0.01			
			205114_s_at	3E	0.01
218812_s_at	3E	0.01	205401_at	3E	0.01
218673_s_at	3E	0.01	202683_s_at	3E	0.01
215933 s at	3E	0.01	218540_at	3E	0.01
213373 s at	3E	0.01	203669 s at	3E	0.01
212930 at	3E	0.01	1559034 at	3E	0.01
206649_s_at					
		0.01	200063_s_at	3E	0.01
228285_at	3E	0.01	218999_at	3E	0.01
220015_at	3E	0.01	218059_at	3E	0.01

206050_s_at	3E	0.01	208130_s_at	3E	0.01
204777 s at	3E	0.01	223033 s at	3E	0.01
212318 at	3E	0.01	212752 at	3E	0.01
224369 s at	3E	0.01	204620 s at	3E	0.01
224690 at		0.01	209593 s at	3E	0.01
	3E	0.01	202181_at	3E	0.01
203921 at		0.01	207890 s at	3E	0.01
201604 s at		0.01	218217 at	3E	0.01
209345 s at		0.01	229903 x at	3E	0.01
207196 s at		0.01	209331 s at		0.01
202727_s_at		0.01	211307_s_at	3E	0.01
204009 s at	3E	0.01	1552316 a at		0.01
212066 s at			209026 x at		0.01
203160 s at		0.01	210992 x at	3E	0.01
225371_at		0.01	203652_at	3E	0.01
213504 at	3E		1555947 at		0.01
213504_at 206342_x_at	3E	0.01	1555947_at 215236_s_at	3E	0.01
1556059 s at		0.01	200035_at	3E	0.01
211760 s at		0.01	208459 s at		0.01
	3E	0.01	205416_s_at	3E	0.01
209899 s at	3E	0.01	222099 s at		0.01
205173 x at		0.01	222099_s_at 205788_s_at	3E	0.01
200091 s at		0.01	200000 s at		0.01
	3E	0.01	213795 s at	3E	0.01
226071 at	3E	0.01	204949 at	3E	0.01
226071_at 223082_at	3E	0.01	$155491\overline{5}$ a at		0.01
211948 x at	3E	0.01	203353 <u>s</u> at	3E	0.01
218145_at	3E	0.01	224820_at		0.01
207571_x_at	3E	0.01	219363_s_at		0.01
218130_at	3E	0.01	218208 at	3E	0.01
	3E	0.01	218655_s_at	3E	0.01
	3E	0.01	225612 <u>s</u> at	3E	0.01
212852_s_at	3E	0.01		3E	0.01
224311 s at	3E	0.01	204445_s_at	3E	0.01
218016_s_at		0.01	201223_s_at		0.01
	3E	0.01	208091_s_at	3E	0.01
204849_at		0.01	1552798_a_at		0.01
	3E	0.01	225177_at	3E	0.01
225639_at	3E	0.01	218057_x_at	3E	0.01
205547_s_at		0.01	205566_at		0.01
207490_at		0.01	206662_at	3E	0.01
223009_at	3E	0.01		3E	0.01
203206_at	3E	0.01	210629_x_at	3E	0.01
55093_at	3E	0.01	212034_s_at	3E	0.01
221604_s_at	3E	0.01	204099_at	3E	0.01
208885_at	3E	0.01	202277_at	3E	0.01
218806_s_at	3E	0.01	202626_s_at	3E	0.01
204215_at	3E	0.01	212355_at	3E	0.01
225246_at	3E 3E	0.01	201803_at	3E	0.01
220990_s_at 200730 s at	3E	0.01	208949_s_at	3E	0.01
212139 at	3E	0.01	208503_s_at 225647_s_at	3E 3E	0.01
203291 at	3E	0.01	223647_S_ac 214054 at	3E	0.01
226603 at	3E	0.01	214054_at 202083 s at		0.01
204212_at	3E	0.01	202063_s_at 200011 s at	3E 3E	0.01
204212_at 204131 s at	3E	0.01	200011_s_at 200667_at	3E	0.01 0.01
217780 at	3E	0.01	200667_at 201574_at	3E	0.01
206548 at	3E	0.01	201374_at 225738 at	3E	0.01
225198 at	3E	0.01	219228 at	3E	0.01
209250 at	3E	0.01	· 219226_at	3E	0.01
204171 at	3E	0.01	207760 s at	3E	0.01
208694 at	3E	0.01	201191 at	3E	0.01
224783 at	3E	0.01	223301 s at	3E	0.01
223743 s at	3E	0.01	223301_5_at 211710 x at	3E	0.01
			211,10_1_00		0.01

202090_s_at	3E	0.01	218396_at	3E	0.01
202227 s at	35		210330_at	35	
200713_s_at	25	0.01	200910_at	3E	0.01
200713_s_at	3E	0.01	2201/3_at	3E	0.01
226707_at			200916_at 220173_at 204494_s_at	ЗE	0.01
226599_at			200018_at	3E	0.01
209185_s_at		0.01	208704_x_at	3E	0.01
200920 s at	3E	0.01	239647 at	3E	0.01
200920_s_at 204209 at	3E	0.01	218942 at	3E	0.01
202205 at	3E	0.01	239647_at 218942_at 200712_s_at	3E	0.01
1552398 a at		0.01	205126_at	3 F.	0.01
1553575 at		0.01	1555780_a at		0.01
1552667 a at			200654 at	312	0.01
217526 at			200654_at 212413_at	35	0.01
227430 at			212413_at	25	0.01
			221952_x_at	35	0.01
212774_at	3E	0.01	201255_x_at	3E	0.01
201368_at 213526_s_at	3E	0.01	201193_at 227523_s_at 221190_s_at	3E	0.01
213526_s_at	3E	0.01	227523_s_at	3E	0.01
203041_s_at			221190_s_at	3E	0.01
204407_at	3E	0.01	200099 s at	3E	0.01
201412_at 233924_s_at 210225_x_at	3E	0.01	34031_i_at 202833_s_at 221002_s_at	3E	0.01
233924 s at	3E	0.01	202833 s at	3E	0.01
210225 x at	3E	0.01	221002 s at	3E	0.01
64899_at	3E	0.01	203605 at	3E	0.01
20002 <mark>9</mark> _at			202518 at		
219322 s at	3E	0.01	1555797_a_at		
219322_s_at 201241_at	3E	0.01	209475 at	35	0.01
205033_s_at	35	0.01	209475_at 205640_at	35	0.01
208946_s_at	35	0.01	203040_at	25	0.01
200340_S_at	35	0.01	200075_s_at	3E	0.01
203445_s_at 205684_s_at	25	0.01	202924_S_at	3E	0.01
205664_S_at 225764 at	3E	0.01	202924_s_at 218404_at 210985_s_at	3E	0.01
			210985_s_at	3E	0.01
207719_x_at			202329_at		
218285_s_at	3E	0.01	200775_s_at	3E	0.01
226041_at 221700_s_at	3E	0.01	205781_at 52164_at	3E	0.01
			521 <b>64</b> _at	ЗE	0.01
217106_x_at	3E	0.01	1558549_s_at	3E	0.01
202832_at		0.01	225637_at	3E	0.01
208308_s_at	3E	0.01	218423 x at	3E	0.01
208308_s_at 212646_at	3E	0.01	218423_x_at 217742_s_at 213046_at	3E	0.01
200862 at	3E	0.01	213046 at	3E	0.01
218291_at	3E	0.01	220122_at	3E	0.01
213557 at	3E	0.01	203579 s at	3E	0.01
207842 s at	3E	0.01	203776 at	3E	0.01
200674 s at	3E	0.01	200821 at	3E	0.01
201546 at	3E	0.01	215631 s at	3E	0.01
219066 at	3E	0.01	208637_x_at	3E	0.01
226874 at	3E	0.01	225117 at	3E	0.01
214422 at	3E	0.01	200909 s at		
<del></del>				3E	0.01
228617_at	3E	0.01	223041_at	3E	0.01
221704_s_at	3E	0.01	203512_at	3E	0.01
202872_at	3E	0.01	218580_x_at	3E	0.01
232149_s_at	3E	0.01	208896_at	3E	0.01
223269_at	3E	0.01	201166_s_at	3E	0.01
206934_at	3E	0.01	218746_at	3E	0.01
218508_at	3E	0.01	222923_s_at	3E	0.01
212516_at	3E	0.01	218682_s_at	3E	0.01
217824_at	3E	0.01	218136 s at	3E	0.01
224884 at	3E	0.01	202136 at	3E	0.01
225507 at	3E	0.01	235234 at	3E	0.01
222428 s at	3E	0.01	203509 at	3E	0.01
201298 s at	3E	0.01	211339 s at	3E	0.01
203055 s at	3E	0.01	217754 at	3E	0.01
200940 s at	3E	0.01	209308 s at		
228648_at	3E	0.01	208948 s at	3E 3E	0.01
			2.00340 S AT		

219397_at	3E	0.01	207691 x at	3E	0.01
221918 at	3E				
221918_at 210213_s_at	3E	0.01	35820_at 219994_at	3E	0.01
200782 at		0.01		3E	0.01
228155 at		0.01	203375 s at		0.01
211368_s_at		0.01	212144_at	3E	0.01
201482 at	3E	0.01	203591 s at		0.01
224482_s_at	3E	0.01	203591_s_at 200013_at	3E	0.01
212836 at	3E	0.01	205169_at	3E	0.01
208824 x at			203853_s_at		0.01
224902_at			211133 x at	3E	0.01
223103 at	3E	0.01	1559052 s at		0.01
214241 at	3E	0.01			0.01
219190 s at	3E	0.01	22 <b>4737</b> _x_at		0.01
202692_s_at		0.01	224481_s_at		0.01
		0.01	215596_s_at	3E	0.01
218735_s_at 212931_at	3E	0.01	200057 s at		0.01
203313 s at	3E	0.01		3E	
203239 s at			212971 at	3E	
224760_at			217828_at		0.01
225090 at	3E	0.01	202875 s at	3E	0.01
212270_x_at	3E	0.01	202875_s_at 208647_at	3E	0.01
207132 x at				3E	0.01
222437_s_at		0.01	201642_at	3E	0.01
209287 s at	3E	0.01	207980_s_at	3E	0.01
209287_s_at 211474 s at	3E	0.01	212242 at		0.01
224785 at	3E	0.01	<del>-</del>	3E	0.01
206244_at			211926_s_at		
				3E	0.01
241742_at 231948_s_at	3E	0.01	202531 at	3E	0.01
225841_at	3E	0.01	208662_s_at	3E	0.01
202296_s_at			211075_s_at	3E	0.01
202015_x_at		0.01	221905_at	3E	0.01
1555643_s_at			223220_s_at 206337_at	3E	0.01
206235_at			206337_at	3E	0.01
203574_at			228170 <u>a</u> t	3E	0.01
203501_at	3E	0.01	207574_s_at	3E	0.01
220371_s_at 228813_at	3E	0.01	2276 <b>47</b> _at 208901_s_at	3E	0.01
			208901_s_at	3E	0.01
221188_s_at					0.01
202781_s_at		0.01	200839_s_at		0.01
204646_at	3E	0.01	206174_s_at	3E	0.01
217940_s_at	3E	0.01	201957_at	3E	0.01
202208_s_at	3E	0.01	220853_at	3E	0.01
202963_at	3E	0.01	1555411_a_at		0.01
	3E	0.01	212041_at	3E	0.01
204418_x_at	3E	0.01	1553150_at	3E	0.01
225390_s_at	3E	0.01	220757_s_at	3E	0.01
202981_x_at	3E	0.01	203430_at	3E	0.01
225783_at	3E	0.01	203939_at	3E	0.01
209201_x_at	3E	0.01	205504_at	3E	0.01
210742_at	3E	0.01	32811_at	3E	0.01
221851_at	3E	0.01	212540_at	3E	0.01
207556_s_at		0.01	214198_s_at	3E	0.01
201751_at	3E	0.01	216100 s_at	3E	0.01
214784_x_at	3E	0.01	221498_at	3E	0.01
218101_s_at	3E	0.01	200639_s_at	3E	0.01
219070_s_at	3E	0.01	215493_x_at	3E	0.01
202939_at	3E	0.01	228749_at	3E	0.01
218050_at	3E	0.01	218135_at	3E	0.01
212469_at	3E		220368_s_at	3E	0.01
202550_s_at 212513 s at	3E 3E	0.01	204751_x_at	3E	0.01
212513_s_at 204599 s at		0.01	210314_x_at	3E	0.01
204JJJ_8_8C	3E	0.01	211941_s_at	3E	0.01

200042	25	0 01	000000	2.	0 01
209943_at		0.01	203089_s_at	3E	0.01
216205_s_at	3E	0.01	204837_at	3E	0.01
210427 x at	3E	0.01	204971 at	3E	0.01
222875 at	3 12	0 01	204971_at 202697_at	3E	0.01
			202097_ac	200	
208858_s_at		0.01	217286_s_at		0.01
223096_at	3E	0.01	208875 s at	3E	0.01
200840_at	3E	0.01	203460_s_at	3E	0.01
218506 x at	3 म	0.01	222475 at		0.01
210000_x_ac	25	0.01	222475_at 224831_at	25	
210982_s_at			224831_at		0.01
212229_s_at	3E	0.01	200989 at	3E	0.01
211558_s_at	3E	0.01	202543 <u>s</u> at	3E	0.01
202149 at	312	0 01	200615 8 at	3E	0.01
202149_at 202058_s_at	20	0.01	200013_S_ac	25	
202058_s_at	3E	0.01	200615_s_at 223591_at 214060_at	3E	0.01
31826_at	3E	0.01	214060_at	ЗE	0.01
20073 <del>7</del> at	3E	0.01	208313 s at	3E	0.01
234725_s_at			233230 s at	3E	0 01
202030_2+	35	0.01	202230_0_40	25	0.01
202030_at 218215_s_at	25	0.01	203373_at 202241_at 224886_at	35	0.01
218215_s_at	3E	0.01	202241_at	3E	0.01
223000_s_at	ЗE	0.01	224886 at	3E	0.01
213902_at	3E	0.01	220202 <u>s</u> at	3E	0.01
214847 s at	3 F	0 01	21 9358 e at	3E	0.01
219047_5_40	20	0.01	219358_s_at	25	
214847_s_at 219444_at 204568_at	3E	0.01	221492_s_at	3E	0.01
204568_at	ЗE	0.01	224920_x_at	3E	0.01
223304_at	3E	0.01	201542 at	3E	0.01
200064_at 210062_s_at 232617_at	3E	0.01	1555837 s at	3E	0.01
210062 s at	3 F.	0.01	218284 at	3 E	0.01
232617 at	3 12	0 01	218284_at 202794_at	35	0.01
219812 at	25	0.01	202794_at	25	0.01
			214042_s_at	3E	0.01
202837_at	3E	0.01	200766_at	3E	0.01
233933_s_at 205568_at	3E	0.01	203419 at	3E	0.01
205568 at	3E	0.01	237783 at	3E	0.01
211366 x at	ЗF.	0.01	203419_at 237783_at 212794_s_at	3 E	0 01
208982_at			242760 x at	3E	0.01
229450_at	3E	0.01	218764_at	3E	0.01
218195_at	3E	0.01	221778_at	3E	0.01
218195_at 203879_at	3E	0.01	221778_at 221472_at	3E	0.01
222212_s_at	3E	0.01	218517_at	3E	
218323_at			201620_at	3 🖺	0.01
217720_at	3 =	0.01	201020_ac	25	
217720_at 1570585_at 228337_at	25	0.01	200847_s_at 224160_s_at	3E	0.01
15/0585_at	3E	0.01	224160_s_at	ЗE	0.01
228337_at	3E	0.01	201217 <u>x</u> at	3E	0.01
219517_at	3E	0.01	218518 at	3E	0.01
217905_at	3E	0.01	209142 <u></u> s_at	3E	0.01
229560 at	3E	0.01	205119 s at	3E	0.01
218501_at	3E	0.01	204635_at	3E	0.01
201887_at	3E	0.01	201875 <u>s</u> at	3E	0.01
224374_s_at	3E	0.01	217910 x at	3E	0.01
205760 s at	3E	0.01	56256 at	3E	0.01
225351 at	3E	0.01	$21780\overline{8}$ s at	3E	0.01
216950 s at	3E	0.01	203276 at		
				3E	0.01
200961_at	3E	0.01	213351_s_at	3E	0.01
209211 <u>a</u> t	3E	0.01	217552_x_at	3E	0.01
218107 at	3E	0.01	202642 s at	3E	0.01
200669 s at	3E	0.01	218280 x at	3E	0.01
226794 at	3E	0.01	201119 s at	3E	
					0.01
226584_s_at	3E	0.01	231853_at	3E	0.01
202189_x_at	3E	0.01	209296 <u>a</u> t	3E	0.01
221059_s_at	3E	0.01	227920_at	3E	0.01
200048 s at	3E	0.01	238722 x at	3E	0.01
217749_at	3E	0.01	218972 at	3E	0.01
215049_x_at	3E	0.01	203643 at	3E	
					0.01
212417_at	3E	0.01	202201_at	3E	0.01
215452_x_at	3E	0.01	209448_at	3E	0.01
221988_at	3E	0.01	209579_s_at	3E	0.01

204961_s at 3E 0.01	204061	25	0 01	015004	~	
217765						0.02
217765_at 3E 0.01	202009_at	3E	0.01	212537 x at	3E	0.02
223445_at	217765 at	3 <b>E</b>	0.01	206055 s at	3E	0.02
223445_at	201557 at	3 E.				
229800_at	202007_00	25				
201084 s at 3E 0.02						
201441_at	222980_at	3E		222052_at	3E	0.02
201441_at	201084 s at	3E	0.02	203513 at	3E	0.02
200896 x at   3E   0.02   218734 at   3E   0.02   211763 s at   3E   0.02   204172 at   3E   0.02   211778 s at   3E   0.02   211787 s at   3E   0.02   211787 s at   3E   0.02   212500 at   3E   0.02   21025 s at   3E   0.02   202041 s at   3E   0.02   205403 at   3E   0.02   202041 s at   3E   0.02   205403 at   3E   0.02   2024774 at   3E   0.02   202333 s at   3E   0.02   2024774 at   3E   0.02   201594 s at   3E   0.02   202334 s at   3E   0.02   202334 s at   3E   0.02   2023049 at   3E   0.02   201594 s at   3E   0.02   202775 s at   3E   0.02   202331 s at   3E   0.02   202331 s at   3E   0.02   202331 s at   3E   0.02   202366 at   3E   0.02   203371 s at   3E   0.02   202866 at   3E   0.02   203371 s at   3E   0.02   20382 s at   3E   0.02   203894 x at   3E   0.02   203831 s at   3E   0.02   203866 at   3E   0.02   203831 s at   3E   0.02   203831 s at   3E   0.02   203894 x at   3E   0.02   203836 s at   3E   0.02   203866 at   3E   0.02   203836 s at   3E   0.02   202866 at   3E   0.02   2028436 s at   3E   0.02   202866 at   3E   0.02   202488 at   3E   0.02   203370 s at   3E   0.02   202448 at   3E   0.02   203975 s at   3E   0.02   202448 at   3E   0.02   203975 s at   3E   0.02   202448 at   3E   0.02   203975 s at   3E   0.02   202448 at	201441 at	3E		203378 at	3 E.	
200896 x at   3E   0.02   218734 at   3E   0.02   211763 s at   3E   0.02   204172 at   3E   0.02   211778 s at   3E   0.02   211787 s at   3E   0.02   211787 s at   3E   0.02   212500 at   3E   0.02   21025 s at   3E   0.02   202041 s at   3E   0.02   205403 at   3E   0.02   202041 s at   3E   0.02   205403 at   3E   0.02   2024774 at   3E   0.02   202333 s at   3E   0.02   2024774 at   3E   0.02   201594 s at   3E   0.02   202334 s at   3E   0.02   202334 s at   3E   0.02   2023049 at   3E   0.02   201594 s at   3E   0.02   202775 s at   3E   0.02   202331 s at   3E   0.02   202331 s at   3E   0.02   202331 s at   3E   0.02   202366 at   3E   0.02   203371 s at   3E   0.02   202866 at   3E   0.02   203371 s at   3E   0.02   20382 s at   3E   0.02   203894 x at   3E   0.02   203831 s at   3E   0.02   203866 at   3E   0.02   203831 s at   3E   0.02   203831 s at   3E   0.02   203894 x at   3E   0.02   203836 s at   3E   0.02   203866 at   3E   0.02   203836 s at   3E   0.02   202866 at   3E   0.02   2028436 s at   3E   0.02   202866 at   3E   0.02   202488 at   3E   0.02   203370 s at   3E   0.02   202448 at   3E   0.02   203975 s at   3E   0.02   202448 at   3E   0.02   203975 s at   3E   0.02   202448 at   3E   0.02   203975 s at   3E   0.02   202448 at	220746 s at	3 E		225672 at	35	
218141_at	220740_3_40	25		223072_at	25	
211763				218/34_at	ЗĿ	
202041 s at 3E 0.02	218241_at	3E				0.02
202041 s at 3E 0.02	211763 s at	3E	0.02	221718 s at	3E	0.02
202041 s at 3E 0.02	204512 at	3E	0.02			
202041 s at 3E 0.02	212500 at	3 F.		210125 s at	3 F	
201885_s_at 3E 0.02	202041 a at	312		210123_3_80	25	
204774_at 3E 0.02						
223049_at	201885_s_at	ЗE				0.02
223049_at	204774_at	3E	0.02	217838_s_at	3E	0.02
223049_at	209069 s at	3E	0.02			0.02
202775	223049 at	3 F.				
229686 at 3E 0.02						
202086 at 3E 0.02	202775_3_ac	25				
202086 at 3E 0.02	229686_at	3E		2033/1_s_at	3E	
202086 at 3E 0.02	213151_s_at	3 <b>E</b>		226691_at	3E	0.02
202086 at 3E 0.02	208984_x_at	3E	0.02	20 <b>4</b> 698 at	3E	0.02
225370_at         3E         0.02         218385_at         3E         0.02           212596_s_at         3E         0.02         22776_at         3E         0.02           218178_s_at         3E         0.02         211559_s_at         3E         0.02           201271_s_at         3E         0.02         202448_s_at         3E         0.02           218455_at         3E         0.02         213134_at         3E         0.02           203907_s_at         3E         0.02         20769_s_at         3E         0.02           212250_at         3E         0.02         207207_s_at         3E         0.02           212495_at         3E         0.02         209207_s_at         3E         0.02           211951_at         3E         0.02         207601_at         3E         0.02           218419_s_at         3E         0.02         207601_at         3E         0.02           20823_s_at         3E         0.02         207601_at         3E         0.02           201469_at         3E         0.02         201921_at         3E         0.02           201489_at         3E         0.02         201921_at         3E         0.02	202086 at	3E	0.02	208436 s at	3E	
212596 s at 3E 0.02	_					
201271_s_at         3E         0.02         202448_s_at         3E         0.02           218455_at         3E         0.02         223134_at         3E         0.02           203907_s_at         3E         0.02         207769_s_at         3E         0.02           212250_at         3E         0.02         207769_s_at         3E         0.02           211951_at         3E         0.02         218419_s_at         3E         0.02           211951_at         3E         0.02         207601_at         3E         0.02           208223_s_at         3E         0.02         207601_at         3E         0.02           204689_at         3E         0.02         225912_at         3E         0.02           20180_s_at         3E         0.02         201921_at         3E         0.02           201180_s_at         3E         0.02         201921_at         3E         0.02           202362_at         3E         0.02         208685_s_at         3E         0.02           201909_s_at         3E         0.02         207665_s_at         3E         0.02           212129_at         3E         0.02         217769_s_at         3E <t< td=""><td>212596 8 2+</td><td>312</td><td></td><td>227276 2+</td><td>25</td><td></td></t<>	212596 8 2+	312		227276 2+	25	
201271_s_at         3E         0.02         202448_s_at         3E         0.02           218455_at         3E         0.02         223134_at         3E         0.02           203907_s_at         3E         0.02         207769_s_at         3E         0.02           212250_at         3E         0.02         207769_s_at         3E         0.02           211951_at         3E         0.02         218419_s_at         3E         0.02           211951_at         3E         0.02         207601_at         3E         0.02           208223_s_at         3E         0.02         207601_at         3E         0.02           204689_at         3E         0.02         225912_at         3E         0.02           20180_s_at         3E         0.02         201921_at         3E         0.02           201180_s_at         3E         0.02         201921_at         3E         0.02           202362_at         3E         0.02         208685_s_at         3E         0.02           201909_s_at         3E         0.02         207665_s_at         3E         0.02           212129_at         3E         0.02         217769_s_at         3E <t< td=""><td>212390_S_at</td><td>25</td><td></td><td>22/2/6_at</td><td>3E</td><td></td></t<>	212390_S_at	25		22/2/6_at	3E	
218455 at 3E 0.02	2181/8_s_at	3E		211559_s_at	ЗE	
203907_s_at 3E 0.02			0.02	202448_s_at	3E	
203907_s_at 3E 0.02	218455 at	3 <b>E</b>	0.02	223134 at	3E	0.02
212495_at       3E       0.02       209207_s_at       3E       0.02         211951_at       3E       0.02       218419_s_at       3E       0.02         1564974_at       3E       0.02       207601_at       3E       0.02         208223_s_at       3E       0.02       235940_at       3E       0.02         221471_at       3E       0.02       222912_at       3E       0.02         204689_at       3E       0.02       201921_at       3E       0.02         201180_s_at       3E       0.02       209685_s_at       3E       0.02         219304_s_at       3E       0.02       209685_s_at       3E       0.02         219304_s_at       3E       0.02       20866_s_at       3E       0.02         219304_s_at       3E       0.02       20866_s_at       3E       0.02         212129_at       3E       0.02       217769_s_at       3E       0.02         212129_at       3E       0.02       213049_at       3E       0.02         21259_at       3E       0.02       213049_at       3E       0.02         20921_s_at       3E       0.02       223129_x_at       3E <td< td=""><td>203907 s at</td><td>3E</td><td>0.02</td><td></td><td></td><td></td></td<>	203907 s at	3E	0.02			
212495_at       3E       0.02       209207_s_at       3E       0.02         211951_at       3E       0.02       218419_s_at       3E       0.02         1564974_at       3E       0.02       207601_at       3E       0.02         208223_s_at       3E       0.02       235940_at       3E       0.02         221471_at       3E       0.02       222912_at       3E       0.02         204689_at       3E       0.02       201921_at       3E       0.02         201180_s_at       3E       0.02       209685_s_at       3E       0.02         219304_s_at       3E       0.02       209685_s_at       3E       0.02         219304_s_at       3E       0.02       20866_s_at       3E       0.02         219304_s_at       3E       0.02       20866_s_at       3E       0.02         212129_at       3E       0.02       217769_s_at       3E       0.02         212129_at       3E       0.02       213049_at       3E       0.02         21259_at       3E       0.02       213049_at       3E       0.02         20921_s_at       3E       0.02       223129_x_at       3E <td< td=""><td>212250 at</td><td>317</td><td></td><td></td><td></td><td></td></td<>	212250 at	317				
211951_at	212405 at	35		207703_3_ac	212	
1564974 at 3E 0.02						
221471 at 3E 0.02 204689 at 3E 0.02 201180_s_at 3E 0.02 20120362_at 3E 0.02 219304_s_at 3E 0.02 219304_s_at 3E 0.02 2109865_s_at 3E 0.02 219304_s_at 3E 0.02 210092_s_at 3E 0.02 217769_s_at 3E 0.02 212129_at 3E 0.02 212129_at 3E 0.02 212591_at 3E 0.02 212591_at 3E 0.02 209678_s_at 3E 0.02 209678_s_at 3E 0.02 202680_at 3E 0.02 202445_s_at 3E 0.02 200719_at 3E 0.02 200719_at 3E 0.02 2004125_at 3E 0.02 200719_at 3E 0.02 200719_at 3E 0.02 201725_at 3E 0.02 211807_at 3E 0.02 211960_s_at 3E 0.02 211724_s_at 3E 0.02 211960_s_at 3E 0.02 211724_s_at 3E 0.02 211725_at 3E 0.02 211960_s_at 3E 0.02 211725_at 3E 0.02 211960_s_at 3E 0.02 211725_at 3E 0.02 211960_s_at 3E 0.02 211960_s_at 3E 0.02 211725_at 3E 0.02 211960_s_at 3E 0.02 211960_s_at 3E 0.02 211960_s_at 3E 0.02 2112126_x_at 3E 0.02 212129_x_at 3E 0.02 2226711_at 3E 0.02 2231313_s_at 3E 0.02 225602_at 3E 0.02 223236_at 3E 0.02 223132_s_at 3E 0.02 223132_s_at 3E 0.02 2217218_s_at 3E 0.02 223132_s_at 3E 0.02 223132_s_at 3E 0.02 227029_at 3E 0.02 223132_s_at 3E 0.02						
221471 at 3E 0.02 204689 at 3E 0.02 201180_s_at 3E 0.02 20120362_at 3E 0.02 219304_s_at 3E 0.02 219304_s_at 3E 0.02 2109865_s_at 3E 0.02 219304_s_at 3E 0.02 210092_s_at 3E 0.02 217769_s_at 3E 0.02 212129_at 3E 0.02 212129_at 3E 0.02 212591_at 3E 0.02 212591_at 3E 0.02 209678_s_at 3E 0.02 209678_s_at 3E 0.02 202680_at 3E 0.02 202445_s_at 3E 0.02 200719_at 3E 0.02 200719_at 3E 0.02 2004125_at 3E 0.02 200719_at 3E 0.02 200719_at 3E 0.02 201725_at 3E 0.02 211807_at 3E 0.02 211960_s_at 3E 0.02 211724_s_at 3E 0.02 211960_s_at 3E 0.02 211724_s_at 3E 0.02 211725_at 3E 0.02 211960_s_at 3E 0.02 211725_at 3E 0.02 211960_s_at 3E 0.02 211725_at 3E 0.02 211960_s_at 3E 0.02 211960_s_at 3E 0.02 211725_at 3E 0.02 211960_s_at 3E 0.02 211960_s_at 3E 0.02 211960_s_at 3E 0.02 2112126_x_at 3E 0.02 212129_x_at 3E 0.02 2226711_at 3E 0.02 2231313_s_at 3E 0.02 225602_at 3E 0.02 223236_at 3E 0.02 223132_s_at 3E 0.02 223132_s_at 3E 0.02 2217218_s_at 3E 0.02 223132_s_at 3E 0.02 223132_s_at 3E 0.02 227029_at 3E 0.02 223132_s_at 3E 0.02	1564974_at	3E		207601_at	3E	0.02
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204689_at	221471 at	3E		222912 at	3E	
201180_s_at				201921 at	317	
200092 s at 3E 0.02 212129 at 3E 0.02 201666 at 3E 0.02 212591 at 3E 0.02 209221 s at 3E 0.02 209678 s at 3E 0.02 202445 s at 3E 0.02 200719 at 3E 0.02 200719 at 3E 0.02 2012591 at 3E 0.02 202680 at 3E 0.02 202729 at 3E 0.02 202	201100	3 E		56020 -h	25	
200092 s at 3E 0.02 212129 at 3E 0.02 201666 at 3E 0.02 212591 at 3E 0.02 209221 s at 3E 0.02 209678 s at 3E 0.02 202445 s at 3E 0.02 200719 at 3E 0.02 200719 at 3E 0.02 2012591 at 3E 0.02 202680 at 3E 0.02 202729 at 3E 0.02 202	201100_S_at	25		36629_at	3E	
200092 s at 3E 0.02 212129 at 3E 0.02 201666 at 3E 0.02 212591 at 3E 0.02 209221 s at 3E 0.02 209678 s at 3E 0.02 202445 s at 3E 0.02 200719 at 3E 0.02 200719 at 3E 0.02 2012591 at 3E 0.02 202680 at 3E 0.02 202729 at 3E 0.02 202	202362_at	3E		209685_s_at	3E	
200092 s at 3E 0.02 212129 at 3E 0.02 201666 at 3E 0.02 212591 at 3E 0.02 209221 s at 3E 0.02 209678 s at 3E 0.02 202445 s at 3E 0.02 200719 at 3E 0.02 200719 at 3E 0.02 2012591 at 3E 0.02 202680 at 3E 0.02 202729 at 3E 0.02 202	219304_s_at	3E		200866_s_at	3E	0.02
212129 at       3E       0.02       225277 at       3E       0.02         201666 at       3E       0.02       213049 at       3E       0.02         212591 at       3E       0.02       208612 at       3E       0.02         209221 s at       3E       0.02       223129 x at       3E       0.02         209678 s at       3E       0.02       200619 at       3E       0.02         202680 at       3E       0.02       218870 at       3E       0.02         202445 s at       3E       0.02       210740 s at       3E       0.02         200719 at       3E       0.02       225272 at       3E       0.02         204125 at       3E       0.02       224591 at       3E       0.02         220035 at       3E       0.02       204362 at       3E       0.02         221724 s at       3E       0.02       21960 s at       3E       0.02         2117 at       3E       0.02       20206 at       3E       0.02         218313 s at       3E       0.02       205842 s at       3E       0.02         21881 x at       3E       0.02       226711 at       3E       0.02	200092 s at	3E	0.02	217769 s at	3E	0.02
201666 at       3E       0.02       213049 at       3E       0.02         212591 at       3E       0.02       208612 at       3E       0.02         209221 s at       3E       0.02       223129 x at       3E       0.02         209678 s at       3E       0.02       200619 at       3E       0.02         202680 at       3E       0.02       218870 at       3E       0.02         202445 s at       3E       0.02       210740 s at       3E       0.02         200719 at       3E       0.02       225272 at       3E       0.02         204125 at       3E       0.02       224591 at       3E       0.02         221724 s at       3E       0.02       204362 at       3E       0.02         221724 s at       3E       0.02       211960 s at       3E       0.02         201725 at       3E       0.02       202066 at       3E       0.02         201725 at       3E       0.02       205842 s at       3E       0.02         218313 s at       3E       0.02       226711 at       3E       0.02         21881 x at       3E       0.02       226711 at       3E       0.0	212129 at	3E	0.02	225277 at	3E	0.02
212591_at						
209221_s_at 3E 0.02 209678_s_at 3E 0.02 202680_at 3E 0.02 202445_s_at 3E 0.02 200719_at 3E 0.02 204125_at 3E 0.02 220035_at 3E 0.02 221724_s_at 3E 0.02 211960_s_at 3E 0.02 2117_at 3E 0.02 211960_s_at 3E 0.02 2117_at 3E 0.02 201725_at 3E 0.02 201725_at 3E 0.02 211960_s_at 3E 0.02 225601_at 3E 0.02 226711_at 3E 0.02 227929_s_at 3E 0.02 229150_s_at 3E 0.02						
209678_s_at       3E       0.02       200619_at       3E       0.02         202680_at       3E       0.02       218870_at       3E       0.02         202445_s_at       3E       0.02       210740_s_at       3E       0.02         200719_at       3E       0.02       225272_at       3E       0.02         204125_at       3E       0.02       224591_at       3E       0.02         220035_at       3E       0.02       204362_at       3E       0.02         221724_s_at       3E       0.02       211960_s_at       3E       0.02         2117_at       3E       0.02       202006_at       3E       0.02         201725_at       3E       0.02       205842_s_at       3E       0.02         218313_s_at       3E       0.02       226711_at       3E       0.02         213881_x_at       3E       0.02       218037_at       3E       0.02         215909_x_at       3E       0.02       231973_s_at       3E       0.02         225261_x_at       3E       0.02       225602_at       3E       0.02         221256_x_at       3E       0.02       225602_at       3E       0.						
202680_at       3E       0.02       218870_at       3E       0.02         202445_s_at       3E       0.02       210740_s_at       3E       0.02         200719_at       3E       0.02       225272_at       3E       0.02         204125_at       3E       0.02       224591_at       3E       0.02         220035_at       3E       0.02       204362_at       3E       0.02         221724_s_at       3E       0.02       211960_s_at       3E       0.02         2117_at       3E       0.02       202006_at       3E       0.02         201725_at       3E       0.02       205842_s_at       3E       0.02         218313_s_at       3E       0.02       226711_at       3E       0.02         213881_x_at       3E       0.02       218037_at       3E       0.02         215909_x_at       3E       0.02       221939_s_at       3E       0.02         225261_x_at       3E       0.02       225602_at       3E       0.02         221256_x_at       3E       0.02       225602_at       3E       0.02         2217718_s_at       3E       0.02       223132_s_at       3E <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
202445_s_at       3E       0.02       210740_s_at       3E       0.02         200719_at       3E       0.02       225272_at       3E       0.02         204125_at       3E       0.02       224591_at       3E       0.02         220035_at       3E       0.02       204362_at       3E       0.02         221724_s_at       3E       0.02       211960_s_at       3E       0.02         201725_at       3E       0.02       202006_at       3E       0.02         201725_at       3E       0.02       205842_s_at       3E       0.02         218313_s_at       3E       0.02       226711_at       3E       0.02         200687_s_at       3E       0.02       218037_at       3E       0.02         213881_x_at       3E       0.02       220939_s_at       3E       0.02         225261_x_at       3E       0.02       231973_s_at       3E       0.02         223236_at       3E       0.02       225602_at       3E       0.02         217718_s_at       3E       0.02       223132_s_at       3E       0.02         227029_at       3E       0.02       209150_s_at       3E						
202445_s_at       3E       0.02       210740_s_at       3E       0.02         200719_at       3E       0.02       225272_at       3E       0.02         204125_at       3E       0.02       224591_at       3E       0.02         220035_at       3E       0.02       204362_at       3E       0.02         221724_s_at       3E       0.02       211960_s_at       3E       0.02         201725_at       3E       0.02       202006_at       3E       0.02         201725_at       3E       0.02       205842_s_at       3E       0.02         218313_s_at       3E       0.02       226711_at       3E       0.02         200687_s_at       3E       0.02       218037_at       3E       0.02         213881_x_at       3E       0.02       220939_s_at       3E       0.02         225261_x_at       3E       0.02       231973_s_at       3E       0.02         223236_at       3E       0.02       225602_at       3E       0.02         217718_s_at       3E       0.02       223132_s_at       3E       0.02         227029_at       3E       0.02       209150_s_at       3E	202680_at	3E		218870 at	3E	0.02
200719_at       3E       0.02       225272_at       3E       0.02         204125_at       3E       0.02       224591_at       3E       0.02         220035_at       3E       0.02       204362_at       3E       0.02         221724_s_at       3E       0.02       211960_s_at       3E       0.02         2117_at       3E       0.02       202006_at       3E       0.02         201725_at       3E       0.02       205842_s_at       3E       0.02         218313_s_at       3E       0.02       226711_at       3E       0.02         200687_s_at       3E       0.02       218037_at       3E       0.02         213881_x_at       3E       0.02       220939_s_at       3E       0.02         215909_x_at       3E       0.02       231973_s_at       3E       0.02         223236_at       3E       0.02       225602_at       3E       0.02         211256_x_at       3E       0.02       223132_s_at       3E       0.02         227029_at       3E       0.02       223132_s_at       3E       0.02         209150_s_at       3E       0.02       209150_s_at       3E <t< td=""><td>202445 s at</td><td>3E</td><td>0.02</td><td>210740 s at</td><td>3E</td><td></td></t<>	202445 s at	3E	0.02	210740 s at	3E	
204125_at       3E       0.02       224591_at       3E       0.02         220035_at       3E       0.02       204362_at       3E       0.02         221724_s_at       3E       0.02       211960_s_at       3E       0.02         117_at       3E       0.02       202006_at       3E       0.02         201725_at       3E       0.02       205842_s_at       3E       0.02         218313_s_at       3E       0.02       226711_at       3E       0.02         200687_s_at       3E       0.02       218037_at       3E       0.02         213881_x_at       3E       0.02       220939_s_at       3E       0.02         215909_x_at       3E       0.02       231973_s_at       3E       0.02         225261_x_at       3E       0.02       202424_at       3E       0.02         221256_x_at       3E       0.02       225602_at       3E       0.02         217718_s_at       3E       0.02       223132_s_at       3E       0.02         227029_at       3E       0.02       209150_s_at       3E       0.02	200719 at	3E				
220035_at       3E       0.02       204362_at       3E       0.02         221724_s_at       3E       0.02       211960_s_at       3E       0.02         117_at       3E       0.02       202006_at       3E       0.02         201725_at       3E       0.02       205842_s_at       3E       0.02         218313_s_at       3E       0.02       226711_at       3E       0.02         200687_s_at       3E       0.02       218037_at       3E       0.02         213881_x_at       3E       0.02       220939_s_at       3E       0.02         215909_x_at       3E       0.02       231973_s_at       3E       0.02         225261_x_at       3E       0.02       202424_at       3E       0.02         223236_at       3E       0.02       225602_at       3E       0.02         217718_s_at       3E       0.02       223132_s_at       3E       0.02         227029_at       3E       0.02       209150_s_at       3E       0.02	<b>—</b>			<del></del>		
221724 s at       3E       0.02       211960 s at       3E       0.02         117 at       3E       0.02       202006 at       3E       0.02         201725 at       3E       0.02       205842 s at       3E       0.02         218313 s at       3E       0.02       226711 at       3E       0.02         200687 s at       3E       0.02       218037 at       3E       0.02         213881 x at       3E       0.02       220939 s at       3E       0.02         215909 x at       3E       0.02       231973 s at       3E       0.02         225261 x at       3E       0.02       202424 at       3E       0.02         223236 at       3E       0.02       225602 at       3E       0.02         211256 x at       3E       0.02       34210 at       3E       0.02         217718 s at       3E       0.02       223132 s at       3E       0.02         227029 at       3E       0.02       209150 s at       3E       0.02						
117_at       3E       0.02       202006_at       3E       0.02         201725_at       3E       0.02       205842_s_at       3E       0.02         218313_s_at       3E       0.02       226711_at       3E       0.02         200687_s_at       3E       0.02       218037_at       3E       0.02         213881_x_at       3E       0.02       220939_s_at       3E       0.02         215909_x_at       3E       0.02       231973_s_at       3E       0.02         225261_x_at       3E       0.02       202424_at       3E       0.02         223236_at       3E       0.02       225602_at       3E       0.02         211256_x_at       3E       0.02       34210_at       3E       0.02         217718_s_at       3E       0.02       223132_s_at       3E       0.02         227029_at       3E       0.02       209150_s_at       3E       0.02						
201725_at       3E       0.02       205842_s_at       3E       0.02         218313_s_at       3E       0.02       226711_at       3E       0.02         200687_s_at       3E       0.02       218037_at       3E       0.02         213881_x_at       3E       0.02       220939_s_at       3E       0.02         215909_x_at       3E       0.02       231973_s_at       3E       0.02         225261_x_at       3E       0.02       202424_at       3E       0.02         223236_at       3E       0.02       225602_at       3E       0.02         211256_x_at       3E       0.02       34210_at       3E       0.02         217718_s_at       3E       0.02       223132_s_at       3E       0.02         227029_at       3E       0.02       209150_s_at       3E       0.02						
218313_s_at       3E       0.02       226711_at       3E       0.02         200687_s_at       3E       0.02       218037_at       3E       0.02         213881_x_at       3E       0.02       220939_s_at       3E       0.02         215909_x_at       3E       0.02       231973_s_at       3E       0.02         225261_x_at       3E       0.02       202424_at       3E       0.02         223236_at       3E       0.02       225602_at       3E       0.02         211256_x_at       3E       0.02       34210_at       3E       0.02         217718_s_at       3E       0.02       223132_s_at       3E       0.02         227029_at       3E       0.02       209150_s_at       3E       0.02	117_at	3E		202006 at	3E	0.02
218313_s_at       3E       0.02       226711_at       3E       0.02         200687_s_at       3E       0.02       218037_at       3E       0.02         213881_x_at       3E       0.02       220939_s_at       3E       0.02         215909_x_at       3E       0.02       231973_s_at       3E       0.02         225261_x_at       3E       0.02       202424_at       3E       0.02         223236_at       3E       0.02       225602_at       3E       0.02         211256_x_at       3E       0.02       34210_at       3E       0.02         217718_s_at       3E       0.02       223132_s_at       3E       0.02         227029_at       3E       0.02       209150_s_at       3E       0.02	$201\overline{7}25$ at	3E	0.02	2058 <b>4</b> 2 s at	3E	0.02
200687_s_at       3E       0.02       218037_at       3E       0.02         213881_x_at       3E       0.02       220939_s_at       3E       0.02         215909_x_at       3E       0.02       231973_s_at       3E       0.02         225261_x_at       3E       0.02       202424_at       3E       0.02         223236_at       3E       0.02       225602_at       3E       0.02         211256_x_at       3E       0.02       34210_at       3E       0.02         217718_s_at       3E       0.02       223132_s_at       3E       0.02         227029_at       3E       0.02       209150_s_at       3E       0.02				<del>_</del> _		
213881_x_at       3E       0.02       220939_s_at       3E       0.02         215909_x_at       3E       0.02       231973_s_at       3E       0.02         225261_x_at       3E       0.02       202424_at       3E       0.02         223236_at       3E       0.02       225602_at       3E       0.02         211256_x_at       3E       0.02       34210_at       3E       0.02         217718_s_at       3E       0.02       223132_s_at       3E       0.02         227029_at       3E       0.02       209150_s_at       3E       0.02						
215909_x_at       3E       0.02       231973_s_at       3E       0.02         225261_x_at       3E       0.02       202424_at       3E       0.02         223236_at       3E       0.02       225602_at       3E       0.02         211256_x_at       3E       0.02       34210_at       3E       0.02         217718_s_at       3E       0.02       223132_s_at       3E       0.02         227029_at       3E       0.02       209150_s_at       3E       0.02						
225261_x_at       3E       0.02       202424_at       3E       0.02         223236_at       3E       0.02       225602_at       3E       0.02         211256_x_at       3E       0.02       34210_at       3E       0.02         217718_s_at       3E       0.02       223132_s_at       3E       0.02         227029_at       3E       0.02       209150_s_at       3E       0.02						
223236_at       3E       0.02       225602_at       3E       0.02         211256_x_at       3E       0.02       34210_at       3E       0.02         217718_s_at       3E       0.02       223132_s_at       3E       0.02         227029_at       3E       0.02       209150_s_at       3E       0.02						0.02
223236_at       3E       0.02       225602_at       3E       0.02         211256_x_at       3E       0.02       34210_at       3E       0.02         217718_s_at       3E       0.02       223132_s_at       3E       0.02         227029_at       3E       0.02       209150_s_at       3E       0.02		3E	0.02	202424 at	3E	0.02
211256_x_at       3E       0.02       34210_at       3E       0.02         217718_s_at       3E       0.02       223132_s_at       3E       0.02         227029_at       3E       0.02       209150_s_at       3E       0.02	223236 at	3E	0.02	225602 at		
217718_s_at 3E 0.02						
227029_at 3E 0.02 209150_s_at 3E 0.02						
<del>_</del> _						
2035/3_s_at 3E 0.02 225665_at 3E 0.02						
	203573_s_at	3E	0.02	225665_at	3E	0.02

220078 at	3E	0.02	223 <b>482</b> at	3E	0.02
222634_s_at 219229 at	35	0.02	203433 at	3E	
219229_ac	3E		203435_at 202396_at		
223217_s_at		0.02	202396_at		0.02
205495_s_at		0.02	1555349_a_at	3E	0.02
204500_s_at		0.02	218 <b>44</b> 7_at	3E	0.02
212184 <u>s</u> at	3E	0.02	203275_at 221676_s_at	3E	0.02
213911_s_at	3 <b>E</b>	0.02	221676_s_at	3E	0.02
204197_s_at	3E	0.02	201181_at	3E	0.02
209934 s at	3E	0.02	215438 x at		0.02
223502_s_at		0.02	202593 <u>_</u> s_at		0.02
205230 at	3E	0.02	228454 at	3E	
205230_at 202378_s_at	3E	0.02	228454_at 201363_s_at	3E	0.02
228690_s_at	3E	0.02	223792_at	3E	0.02
32032_at			232033_at		0.02
210601 at	35	0.02	204235_at	35	0.02
219691_at 222984_at 208634_s_at	25	0.02	204236_at 210293_s_at 226757_at	25	0.02
222984_at	25	0.02	210293_s_at	3E	0.02
208634_s_at	3E	0.02	226/5/_at	3E	0.02
200680_x_at			203741_s_at		
223346_at	3E	0.02	223288_at	3E	0.02
223058_at 243413_at	3E	0.02	223022_s_at 202414_at	3E	0.02
			202414_at	3E	0.02
200743 s at	3E	0.02	204249_s_at	3E	0.02
222503_s_at	3E	0.02	204710_s_at		0.02
212036 s at	3E	0.02	208767 s at	3E	
212036_s_at 222657 s at	3E	0.02	208767_s_at 219097_x_at	3E	0.02
217729 s at	3E	0.02	216537_s_at	3E	
218187_s_at			220088 at		
242463_x_at			232014 8 3+	35	0.02
219676 at	35	0.02	210547 2+	35	0.02
204900_x_at	35	0.02	232914_s_at 219547_at 218940_at	3E	0.02
			21094U_at	2E	0.02
218001_at			212310_at		
202047_s_at		0.02	227740_at	3E	0.02
200887_s_at	3E		231876_at 202635_s_at	3E	
203831_at		0.02	202635_s_at	3E	0.02
223441_at			202239_at		0.02
223266_at	3E	0.02	2239 <b>4</b> 7_s_at		0.02
222143_s_at 214746_s_at	3E	0.02	221569_at	3E	0.02
214746_s_at	3E	0.02	218729 at	3E	0.02
214047_s_at		0.02	2252 <b>4</b> 3_s_at		0.02
213293 s at	3E	0.02	200735 x at	3E	0.02
202878 s at	3E	0.02	219202 at	3E	0.02
219571 s at	3E	0.02	225925 s at	3E	0.02
209251 x at	3E	0.02	221267 s at	3E	0.02
227856 at	3E	0.02	200027 at	3E	0.02
209058 at	3E	0.02	205733 at	3E	0.02
219123 at	3E	0.02	206364 at	3E	0.02
201561 s at	3E	0.02	208616 s at		0.02
202603 at	3E	0.02	209222 s at	3E	0.02
202003_at 214617 at	3E	0.02	203222_3_at 201413 at	3E	0.02
		0.02	201415_at 218465_at		
207594_s_at	3E			3E	0.02
208158_s_at	3E	0.02	203042_at	3E	0.02
209852_x_at	3E	0.02	205711_x_at	3E	0.02
218802_at	3E	0.02	' 224856_at	3E	0.02
213304_at	3E	0.02	37943_at	3E	0.02
203727_at	3E	0.02	20172 <mark>0_s_at</mark>	3E	0.02
205241_at	3E	0.02	217388_s_at	3E	0.02
223024_at	3E	0.02	214369_s_at	3E	0.02
223086 <u>x</u> at	3E	0.02	203799 <u>a</u> t	3E	0.02
223394_at	3E	0.02	222887_s_at	3E	0.02
1553220 at	3E	0.02	200759 x at	3E	0.02
209249 s at	3E	0.02	201553 s at	3E	0.02
201098 at	3E	0.02	200809 x at	3E	0.02
224900 at	3E	0.02	217737 x at	3E	0.02
			32,,_n_ac		

204675 at	3E	0.02	201608_s_at	3E	0.02
204675_at 204781_s_at	3E	0.02	207540 s at	3E	0.02
220607 <u>x</u> at	3E	0.02	202116 at		
208152_s_at	3E	0.02	209141 at	3E	0.02
219538_at	3E	0.02	203037 s_at	3E	0.02
225502_at 201139_s_at	3E	0.02	203561_at 225313_at 201258_at	3E	0.02
201139_s_at	3E	0.02	225313 at	3E	0.02
201027_s_at	3E	0.02	201258 at	3E	0.02
208921_s_at	3E	0.02	242139_s_at	3E	0.02
212527 at	3E	0.02	220560_at		
218240_at 202974_at	3E	0.02	201628_s_at	3E	0.02
		0.02	201628_s_at 218308_at	3E	0.02
221263_s_at		0.02	22 <b>4</b> 586_x_at	3E	0.02
205642_at	3E	0.02	203600 <u> </u>	3E	0.02
201832_s_at 225065_x_at 212785_s_at	3E	0.02	208882 <u>_</u> s_at	3E	0.02
225065_x_at	3E	0.02.	208066_s_at	3E	0.02
212785_s_at	3E	0.02	208066_s_at 213532_at	3E	0.02
213980 s at	3E	0.02	207104_x_at	3E	0.02
202068_s_at 236846_at 209318_x_at	3E	0.02	205256_at	3E	0.02
236846_at	3E	0.02	201 <b>606</b> _s_at	3E	0.02
209318_x_at	3E	0.02	218191_s_at	3E	0.02
200990_at	3E	0.02	1555775_a_at	3E	0.02
212334_at	3E	0.02	217743_s_at	3E	0.02
232030_at	3E	0.02	212863_x_at	3 <b>E</b>	0.02
232030_at 221867_at 212262_at	3E	0.02	212099_at 208861_s_at	3E	0.02
212262_at	3E	0.02	208861_s_at	3E	0.02
218889_at	3E	0.02	213503_x_at		
212101_at 212677_s_at 38290_at	3E	0.02	234107_s_at	3E	0.02
212677_s_at	3E	0.02	204872_at 218527_at	3E	0.02
38290_at	3E	0.02	218527_at	3E	0.02
218388_at		0.02	218598_at		
205726_at	3E	0.02	200023_s_at		
212492_s_at 209474_s_at	3E	0.02	203992_s_at	3E	0.02
209474_s_at	3E	0.02	202360_at 15552 <b>4</b> 1_at	3E	0.02
203133_at		0.02	1555241_at		
202529_at	3E	0.02	201290_at	3E	
219816_s_at 218354_at	3E	0.02	200996_at	3E	
218354_at 224656 s at	3E	0.02	203748_x_at 202459_s_at	3E	0.02
		0.02	202459_s_at	3E	
208739_x_at		0.02	223442_at		0.02
243589_at		0.02	204351_at		0.02
201993_x_at	3E	0.02	223451_s_at	3E	0.02
210205_at	3E	0.02	209798_at	3E	0.02
201995_at	3E	0.02	211716_x_at	3E	0.02
203635_at	3E	0.02	238562_at	3E	0.02
226366_at 218053 at	3E 3E	0.02	229967_at	3E	0.02
226861 at	3E	0.02	226298 at	3E	0.02
204258 at		0.02	218534_s_at	3E	0.02
204238_ac 205483 s at	3E 3E	0.02	217823_s_at		0.02
203526 s at	3E	0.02	223289 s_at	3E	0.02
201156 s at	3E	0.02	222992 s_at	3E	0.02
201130_s_ac 224871 at	3E	0.02	201037_at 1553993 s at	3E	0.02
_	3E	0.02			0.02
221708_s_at	3E	0.02	201588_at 239891_x_at	3E	0.02
219093 at	3E	0.02	239891_x_at 213387_at	3E	0.02
219093_ac 212059 s at	3E	0.02	213387_at 224988_at	3E	0.02
212039_s_at 212335 at	3E	0.02	224988_at 205219 s at	3E	0.02
209040 s at	3E	0.02	205219_s_at 218228 s at	3E	0.02
216341 s at	3E	0.02	216226_S_at 201552_at	3E	0.02
35671 at	3E	0.02	201552_at 209734_at	3E 3E	0.02 0.02
235775 at	3E	0.02	209734_at 208876_s at	3E	0.02
218987 at	3E	0.02	200876_s_at 209933 s at	3E	0.02
218827_s at	3E	0.02	209933_s_at 202557_at	3E	0.02
21002/_3_at	ىدب	0.02	202551_at	تور	0.02

208070_s_at	3E	0.02	224474 x at	3 <b>E</b>	0.03
200070_S_ac	25				
2144/3_x_at	3E	0.02	213352_at 204562_at	3E	0.03
208070_s_at 214473_x_at 207922_s_at	3E	0.02	20 <b>4</b> 562_at	3E	0.03
204972 at	3E	0.02	227775_at	3E	0.03
202948 at	3E	0.02	220066 at	3E	0.03
203814_s_at		0.02			0.03
203014_S_ac	25		205081_at	25	
202655_at 201912_s_at	3E	0.02	203777_s_at 216251 s at	3E	0.03
201912_s_at	3E	0.02		3E	0.03
211270 x at	3E	0.02	209417_s_at	ЗE	0.03
225392 at		0.02	225686 at	3E	0.03
		0.02			0.03
227220_at	25		214366_s_at		
223227_at 201643_x_at	3E	0.02	2227 <b>4</b> 5_s_at		0.03
201643 x at	3E	0.02	202675_at	3E	0.03
203857 <u>s</u> at	3E	0.02	225364 at	ЗE	0.03
211345_x_at		0.02	208990_s_at		0.03
202012	355				
202912_at 202307_s_at	25	0.02	208112_x_at	3E	0.03
202307_s_at	ЗE	0.02	201590_x_at	3E	0.03
201202 at	3E	0.02	210105 s at	ЗE	0.03
224377_s_at		0.02	215193 x at		
	3E	0.02	202300 at	3E	0.03
204220	212				
204220_at 209135_at	2E	0.02	1555950_a_at		0.03
		0.02	211404_s_at		0.03
201580 s at	3E	0.02	202297 s at	3E	0.03
228308_at	3E	0.02	203524_s_at		0.03
217986 s at	317	0.02	32209 at	3 F	
217986_s_at 209835_x_at	312		32209_at 219613_s_at	25	0.03
209835_x_at	3E	0.02	219613_s_at	3E	0.03
201377 <u>a</u> t		0.02	22 <b>4</b> 562_at		
200744_s_at	3 <b>E</b>	0.02	22 <b>4</b> 791 at	ЗE	0.03
225106_s_at 202039_at	3E	0.02	219290_x_at		0.03
202039 at	31	0.02	202820 at		
226956 at	20				
		0.02	1556283_s_at		
201743 <u>a</u> t		0.02	210886_x_at		
200701_at	3 <b>E</b>	0.02	212273_x_at	3E	0.03
221864 at	3E	0.02			0.03
221864_at 222987_s_at	3E	0.02	218348_s_at 215838_at	3E	
217028 at	32	0.02	217866 at	3E	
217020_ac	25				
219293_s_at	3E	0.02	200822_x_at	3E	
200834_s_at	3E	0.02	204703_at	3E	0.03
200834_s_at 213618_at	3E	0.02	200955 at	3E	0.03
200010_at	3E	0.02	200747 s at	3 F.	0.03
1553043 a at		0.02	218917 s at		0.03
214709_s_at	3 <b>E</b>	0.02	1568934_at	3E	0.03
204373_s_at	3E	0.02	20 <b>42</b> 69_at	ЗE	0.03
221541 at	3E	0.02	218983 at	3E	0.03
200888 s at	3E	0.02	212457 at	3E	0.03
203985_at	3 <b>E</b>	0.02	216338 s at	3E	0.03
202812 at		0.02			
	3E		210649_s_at	3E	0.03
201146_at	3E	0.02	20 <b>2778_s_at</b>	3E	0.03
209215_at	3E	0.02	207224 s at	3E	0.03
200030 s at	3E	0.02	208815 x at	3E	0.03
1567458 s at		0.02	208746_x_at	3E	0.03
218979_at	3E	0.02	203818_s_at	3E	0.03
224701_at	3E	0.03	224796_at	3E	0.03
202553 s at	3E	0.03	· 212927 at	3E	0.03
224511 s at	3E	0.03	218443 s at	3E	0.03
217740 x at	3E	0.03	215424_s at	3E	0.03
217916_s_at	3E	0.03	202184_s_at	3E	0.03
204466_s_at	3E	0.03	203344_s_at	3E	0.03
202914 s at	3E	0.03	219854 at	3E	0.03
201695 s at	3E	0.03	205340 at	3E	0.03
208685 x at	3E	0.03	204786 s at		
				3E	0.03
1568592_at	3E	0.03	218888_s_at	3E	0.03
223944_at	3E	0.03	200661_at	3E	0.03
209960 at	3E	0.03	222 <b>4</b> 76 at	3E	0.03
_			<b>-</b>		

205789_at	3E	0.03	219505 at	3E	0.03
219209_at	3 12			3E	
219209_at 208641_s_at	25	0.03			0.03
203041_s_ac 223199 at	25		206335_at 219999_at	3E	0.03
		0.03	219999_at	3E	0.03
225210_s_at		0.03		3E	
217725_x_at	3E	0.03	203825_at	3E	0.03
200675_at	ЗE	0.03	223602_at	3E	0.03
209189_at	3E	0.03	208030 s at	3E	0.03
200675_at 209189_at 201472_at	3 <b>E</b>	0.03	223602_at 208030_s_at 31861_at	3E	0.03
228499 <u>a</u> t	3E	0.03	21094 <mark>4</mark> _s_at	3E	0.03
228253 at	3E	0.03	201519 at	3E	
209064 x at	3E	0.03	$155549\overline{1}$ a at		0.03
209064_x_at 218463_s_at	3E	0.03	226230 at		0.03
200838 at	3E	0.03	226465_s_at	3 E	0.03
205315 s at		0.03	218263 s at		
218095_s_at		0.03	203672_x_at		
213111 at	3E		233841 s at	3E	0.03
213111_at 222488_s_at	3E	0.03	1560821 at	3E.	0.03
218988 at	3E	0.03	233841_s_at 1560821_at 218803_at	3E	0.03
223062_s_at		0.03	202165_at	35	0.03
219357 at	3E		204070 at	3 F	0.03
219357_at 201980_s_at	3E	0.03	217070_at	35	0.03
201651 s at	3 E	0.03	204070_at 217923_at 222493_s_at	3 E	0.03
239377_at			222493_S_at	3E	0.03
			200623_s_at		
208911_s_at 208893_s_at	3E	0.03		3E	0.03
200093_s_at 203321 s at	3E	0.03		3E	0.03
			22/4/5_at	3E -	0.03
226060_at	3E	0.03	225890_at		
202191_s_at 209534_x_at	3E	0.03	224723_x_at	3E	0.03
209534_x_at	3E	0.03	220603_s_at 227132_at	3E	0.03
207643_s_at			227132_at	3E	0.03
224983_at					0.03
233168_s_at	3E	0.03		3E	
209288_s_at	3E	0.03	200816_s_at 200910_at	3E	0.03
228183_s_at			200910_at	3E	0.03
227689_at		0.03	203252_at	3E	
222794_x_at	3 <b>E</b>	0.03	2180 <b>4</b> 8_at	3E	0.03
218343_s_at 202364_at	3E	0.03	216565_x_at	3E	0.03
202364_at	3E	0.03	202888_s_at 214453_s_at	3E	0.03
1552942_at					0.03
218387_s_at			209155_s_at	3E	0.03
204747_at	3 <b>E</b>	0.03	214800_x_at	3E	
205690_s_at	3E	0.03	212740_at	3E	0.03
207405_s_at	3E	0.03	203045_at	3E	0.03
209034_at	3E	0.03	223460_at	3E	0.03
58994_at	3E	0.03	22 <b>4787_s_</b> at	3E	0.03
201350_at	3 <b>E</b>	0.03	211714_x_at	3E	0.03
201454_s_at	3E	0.03	209382_at	3E	0.03
203506_s_at	3E	0.03	221819_at	3E	0.03
212779_at	3E	0.03	22 <b>4</b> 599 at	3E	0.03
203086 <u>a</u> t	3E	0.03	201670_s_at	3E	0.03
202082_s_at	3E	0.03	202664 at	3E	0.03
227018 at	3E	0.03	222408 s at	3E	0.03
216652 s at	3E	0.03	225707 at	3E	0.03
203185 at	3E	0.03	218014 at	3E	0.03
209216 at	3E	0.03	200655 s at	3E	0.03
223533 at	3E	0.03	224614 at	3E	0.03
212240 s at		0.03	219079 at	3E	0.03
203544_s_at	3E	0.03	34858 at	3E	0.03
1555037_a_at		0.03	208598 s at	3E	0.03
223738 s at	3E	0.03	223145 s at	3E	0.03
32091 at		0.03	217989 at	3E	0.03
220140_s_at	3E	0.03	202897 at	3E	0.03
209067 s at	3E	0.03	223253 at	3E	0.03
			223233_40		0.00

225711_at 3E 0.03	005556	~-				
201043   s. at   3E   0.03				200901_s_at	3E	0.03
201043   s. at   3E   0.03	212860 at	3E	0.03	218171 at	3E	0.03
203497 at 3E 0.03	201043 s at	3 E	വി			
203497 at 3E 0.03	201043_3_4	20	0.03	201002_3_ac	25	0.03
203497 at 3E 0.03	208932_at	3E	0.03	208728_s_at	3E	
203497 at 3E 0.03	200673_at	3E	0.03	211711_s at	3E	0.03
219759 at 3E 0.03	203497 at	3E	0.03	203685 at	3E	0.03
200104_at 3E 0.03						
218853 s_at 3E 0.03	219739_ac	25	0.03			
218853 s_at 3E 0.03	205040_at	3E	0.03	214438_at	3E	
218853 s_at 3E 0.03	238066 at	3E	0.03	203983 at	3E	0.03
218853 s_at 3E 0.03	224992 s at	3E	0.03	217893 s at	3E	
207605	210052	35	0.03	217693_5_40	25	
228573 at       3E       0.03       212152 x at       3E       0.03         206324 sat       3E       0.03       209536 sat       3E       0.03         201925 sat       3E       0.03       202497 xat       3E       0.03         200780 xat       3E       0.03       200777 sat       3E       0.03         223064 at       3E       0.03       212373 at       3E       0.03         229436 xat       3E       0.03       212473 at       3E       0.03         208804 sat       3E       0.03       213853 at       3E       0.03         201179 sat       3E       0.03       202594 at       3E       0.03         201179 sat       3E       0.03       202594 at       3E       0.03         2152703 sat       3E       0.03       205668 at       3E       0.03         2128906 sat       3E       0.03       201495 sat       3E       0.03         20828 at       3E       0.03       201455 sat       3E       0.03         20828 at       3E       0.03       204255 sat       3E       0.03         20828 at       3E       0.03       20425 st       3E       0.03						
201925_s_at 3E 0.03	20/605_x_at	3E	0.03	218539_at	3E	0.03
201925_s_at 3E 0.03	228573 at	3E	0.03	212152 x at	3E	0.03
201925_s_at 3E 0.03	206324 s at	3E	0.03	209536 s at	3 F.	വര
214553 s at 3E 0.03	201925 5 3+	3 12	0 03	203407 - at	35	0.03
200780 x at 3E 0.03						
208804 s at 3E 0.03	214553_s_at	3E	0.03	200777_s_at	ЗE	0.03
208804 s at 3E 0.03	200780 x at	3E	0.03	218383 at	3E	0.03
208804 s at 3E 0.03	223064 at	3E	0.03	212973 at	3E	0.03
208804 s at 3E 0.03	229436 v at	3 12	0 03	214427 2+	35	0.03
200875_s_at 3E 0.03	223430_x_ac	25	0.03	214427_dt	25	0.03
2011/9_s_at 3E 0.03				1552584_at	3E	0.03
2011/9_s_at 3E 0.03	200875_s_at	3E	0.03	213853 at	3E	0.03
1552703 s at 3E 0.03 220320 at 3E 0.03 226906 s at 3E 0.03 217897 s at 3E 0.03 217897 s at 3E 0.03 201154 s at 3E 0.03 201238 s at 3E 0.03 209435 s at 3E 0.03 209425 s at 3E 0.03 209435 s at 3E 0.03 201238 s at 3E 0.03 204225 at 3E 0.03 207543 s at 3E 0.03 207543 s at 3E 0.03 207543 s at 3E 0.03 201133 s at 3E 0.03 207543 s at 3E 0.03 201133 s at 3E 0.03 207543 s at 3E 0.03 201133 s at 3E 0.03 209638 at 3E 0.03 201133 s at 3E 0.03 209638 at 3E 0.03 201132 s at 3E 0.03 206683 at 3E 0.03 208692 s at 3E 0.03 202471 s at 3E 0.03 209651 at 3E 0.03 202471 s at 3E 0.03 209651 at 3E 0.03 202471 s at 3E 0.03 209651 at 3E 0.03 202471 s at 3E 0.03 209651 at 3E 0.03 202471 s at 3E 0.03 209471 s at 3E 0.03 209651 at 3E 0.03 202471 s at 3E 0.03 209651 at 3E 0.03 202471 s at 3E 0.03 209651 at 3E 0.03 202471 s at 3E 0.03 209651 at 3E 0.03 202471 s at 3E 0.03 209651 at 3E 0.	201179 s at	3E	0.03	202594 at	3E	0.03
1552703 s at 3E 0.03 220320 at 3E 0.03 226906 s at 3E 0.03 217897 s at 3E 0.03 217897 s at 3E 0.03 201154 s at 3E 0.03 201238 s at 3E 0.03 209435 s at 3E 0.03 209425 s at 3E 0.03 209435 s at 3E 0.03 201238 s at 3E 0.03 204225 at 3E 0.03 207543 s at 3E 0.03 207543 s at 3E 0.03 207543 s at 3E 0.03 201133 s at 3E 0.03 207543 s at 3E 0.03 201133 s at 3E 0.03 207543 s at 3E 0.03 201133 s at 3E 0.03 209638 at 3E 0.03 201133 s at 3E 0.03 209638 at 3E 0.03 201132 s at 3E 0.03 206683 at 3E 0.03 208692 s at 3E 0.03 202471 s at 3E 0.03 209651 at 3E 0.03 202471 s at 3E 0.03 209651 at 3E 0.03 202471 s at 3E 0.03 209651 at 3E 0.03 202471 s at 3E 0.03 209651 at 3E 0.03 202471 s at 3E 0.03 209471 s at 3E 0.03 209651 at 3E 0.03 202471 s at 3E 0.03 209651 at 3E 0.03 202471 s at 3E 0.03 209651 at 3E 0.03 202471 s at 3E 0.03 209651 at 3E 0.03 202471 s at 3E 0.03 209651 at 3E 0.	215667 x at	3 E	0 03	205668 at	31.	0.03
226906 s at 3E 0.03	1550703	25	0.03	203000_at	255	0.05
217827 s at       3E       0.03       202155 s at       3E       0.03         208928 at       3E       0.03       209435 s at       3E       0.03         226300 at       3E       0.03       223466 x at       3E       0.03         227543 s at       3E       0.03       223466 x at       3E       0.03         219002 at       3E       0.03       201133 s at       3E       0.03         235683 at       3E       0.03       218616 at       3E       0.03         202228 s at       3E       0.03       208892 s at       3E       0.03         206782 s at       3E       0.03       208892 s at       3E       0.03         207471 s at       3E       0.03       201322 at       3E       0.03         202471 s at       3E       0.03       201322 at       3E       0.03         207471 s at       3E       0.03       201322 at       3E       0.03         207471 s at       3E       0.03       201322 at       3E       0.03         217964 at       3E       0.03       204615 x at       3E       0.03         221796 at       3E       0.03       212862 at       3E				220320_at	315	0.03
226300_at       3E       0.03       223466 x_at       3E       0.03         207543_s_at       3E       0.03       201133_s_at       3E       0.03         219002_at       3E       0.03       40420_at       3E       0.03         235683_at       3E       0.03       208892_s_at       3E       0.03         206782_s_at       3E       0.03       200651_at       3E       0.03         213626_at       3E       0.03       200651_at       3E       0.03         202471_s_at       3E       0.03       201322_at       3E       0.03         224430_x_at       3E       0.03       204615_x_at       3E       0.03         2217964_at       3E       0.03       204615_x_at       3E       0.03         221046_s_at       3E       0.03       206993_at       3E       0.03         221046_s_at       3E       0.03       212862_at       3E       0.03         221046_s_at       3E       0.03       221014_s_at       3E       0.03         221543_s_at       3E       0.03       20117_s_at       3E       0.03         21543_s_at       3E       0.03       20117_s_at       3E	226906_s_at	ЗE	0.03	217898_at	3E	0.03
226300_at       3E       0.03       223466 x_at       3E       0.03         207543_s_at       3E       0.03       201133_s_at       3E       0.03         219002_at       3E       0.03       40420_at       3E       0.03         235683_at       3E       0.03       208892_s_at       3E       0.03         206782_s_at       3E       0.03       200651_at       3E       0.03         213626_at       3E       0.03       200651_at       3E       0.03         202471_s_at       3E       0.03       201322_at       3E       0.03         224430_x_at       3E       0.03       204615_x_at       3E       0.03         2217964_at       3E       0.03       204615_x_at       3E       0.03         221046_s_at       3E       0.03       206993_at       3E       0.03         221046_s_at       3E       0.03       212862_at       3E       0.03         221046_s_at       3E       0.03       221014_s_at       3E       0.03         221543_s_at       3E       0.03       20117_s_at       3E       0.03         21543_s_at       3E       0.03       20117_s_at       3E	217827 s at	3E	0.03	202155 s at	3E	0.03
226300_at       3E       0.03       223466 x_at       3E       0.03         207543_s_at       3E       0.03       201133_s_at       3E       0.03         219002_at       3E       0.03       40420_at       3E       0.03         235683_at       3E       0.03       208892_s_at       3E       0.03         206782_s_at       3E       0.03       200651_at       3E       0.03         213626_at       3E       0.03       200651_at       3E       0.03         202471_s_at       3E       0.03       201322_at       3E       0.03         224430_x_at       3E       0.03       204615_x_at       3E       0.03         2217964_at       3E       0.03       204615_x_at       3E       0.03         221046_s_at       3E       0.03       206993_at       3E       0.03         221046_s_at       3E       0.03       212862_at       3E       0.03         221046_s_at       3E       0.03       221014_s_at       3E       0.03         221543_s_at       3E       0.03       20117_s_at       3E       0.03         21543_s_at       3E       0.03       20117_s_at       3E	208928 at	3E	0.03	209435 s at	3E	0.03
226300_at       3E       0.03       223466 x_at       3E       0.03         207543_s_at       3E       0.03       201133_s_at       3E       0.03         219002_at       3E       0.03       40420_at       3E       0.03         235683_at       3E       0.03       208892_s_at       3E       0.03         206782_s_at       3E       0.03       200651_at       3E       0.03         213626_at       3E       0.03       200651_at       3E       0.03         202471_s_at       3E       0.03       201322_at       3E       0.03         224430_x_at       3E       0.03       204615_x_at       3E       0.03         2217964_at       3E       0.03       204615_x_at       3E       0.03         221046_s_at       3E       0.03       206993_at       3E       0.03         221046_s_at       3E       0.03       212862_at       3E       0.03         221046_s_at       3E       0.03       221014_s_at       3E       0.03         221543_s_at       3E       0.03       20117_s_at       3E       0.03         21543_s_at       3E       0.03       20117_s_at       3E	201238	25	0.03	207455_5_ac	25	0.03
207543 s at       3E       0.03       201133 s at       3E       0.03         219002 at       3E       0.03       40420 at       3E       0.03         235683 at       3E       0.03       218616 at       3E       0.03         202228 s at       3E       0.03       208892 s at       3E       0.03         206782 s at       3E       0.03       200651 at       3E       0.03         202471 s at       3E       0.03       201322 at       3E       0.03         224930 x at       3E       0.03       204615 x at       3E       0.03         224930 x at       3E       0.03       204615 x at       3E       0.03         221046 s at       3E       0.03       206993 at       3E       0.03         221046 s at       3E       0.03       212862 at       3E       0.03         220104 s at       3E       0.03       221014 s at       3E       0.03         220104 s at       3E       0.03       221014 s at       3E       0.03         22150 s at       3E       0.03       221178 at       3E       0.03         21543 s at       3E       0.03       201178 at       3E	201236_S_at	3E	0.03	204225_at	ظد	0.03
219002_at       3E       0.03       218616_at       3E       0.03         235683_at       3E       0.03       218616_at       3E       0.03         202228_s_at       3E       0.03       208892_s_at       3E       0.03         206782_s_at       3E       0.03       200651_at       3E       0.03         213626_at       3E       0.03       201322_at       3E       0.03         224930_x_at       3E       0.03       209651_at       3E       0.03         224930_x_at       3E       0.03       20921_s_at       3E       0.03         221946_at       3E       0.03       206993_at       3E       0.03         221046_s_at       3E       0.03       212862_at       3E       0.03         221046_s_at       3E       0.03       221014_s_at       3E       0.03         2200830_at       3E       0.03       221014_s_at       3E       0.03         211543_s_at       3E       0.03       201178_at       3E       0.03         212777_at       3E       0.03       201178_at       3E       0.03         212674_s_at       3E       0.03       21762_s_at       3E <td< td=""><td></td><td></td><td></td><td></td><td></td><td>0.03</td></td<>						0.03
219002_at       3E       0.03       218616_at       3E       0.03         235683_at       3E       0.03       218616_at       3E       0.03         202228_s_at       3E       0.03       208892_s_at       3E       0.03         206782_s_at       3E       0.03       200651_at       3E       0.03         213626_at       3E       0.03       201322_at       3E       0.03         224930_x_at       3E       0.03       209651_at       3E       0.03         224930_x_at       3E       0.03       20921_s_at       3E       0.03         221946_at       3E       0.03       206993_at       3E       0.03         221046_s_at       3E       0.03       212862_at       3E       0.03         221046_s_at       3E       0.03       221014_s_at       3E       0.03         2200830_at       3E       0.03       221014_s_at       3E       0.03         211543_s_at       3E       0.03       201178_at       3E       0.03         212777_at       3E       0.03       201178_at       3E       0.03         212674_s_at       3E       0.03       21762_s_at       3E <td< td=""><td>207543 s at</td><td>3E</td><td>0.03</td><td>201133 s at</td><td>3E</td><td>0.03</td></td<>	207543 s at	3E	0.03	201133 s at	3E	0.03
202228 s at 3E 0.03       208892 s at 3E 0.03         206782 s at 3E 0.03       200651 at 3E 0.03         213626 at 3E 0.03       201322 at 3E 0.03         202471 s at 3E 0.03       200921 s at 3E 0.03         224930 x at 3E 0.03       204615 x at 3E 0.03         2217964 at 3E 0.03       206993 at 3E 0.03         221046 s at 3E 0.03       212862 at 3E 0.03         223150 s at 3E 0.03       221014 s at 3E 0.03         220830 at 3E 0.03       221014 s at 3E 0.03         22177 at 3E 0.03       201178 at 3E 0.03         212777 at 3E 0.03       201178 at 3E 0.03         201807 at 3E 0.03       2012674 s at 3E 0.03         201365 at 3E 0.03       203487 s at 3E 0.03         201365 at 3E 0.03       203487 s at 3E 0.03         201365 at 3E 0.03       201724 s at 3E 0.03         203487 s at 3E 0.03       201724 s at 3E 0.03         20368 at 3E 0.03       201724 s at 3E 0.03         201365 at 3E 0.03       201724 s at 3E 0.03         20366 at 3E 0.03       20874 s at 3E 0.03         205067 at 3E 0.03       207723 s at 3E 0.03         20771 x at 3E 0.03       207723 s at 3E 0.03         207724 s at 3E 0.03       207723 s at 3E 0.03         20775 at 3E 0.03       207723 s at 3E 0.03         207723 s at	219002 at	3E	0.03	40420 at	3 F.	
202228 s at 3E 0.03       208892 s at 3E 0.03         206782 s at 3E 0.03       200651 at 3E 0.03         213626 at 3E 0.03       201322 at 3E 0.03         202471 s at 3E 0.03       200921 s at 3E 0.03         224930 x at 3E 0.03       204615 x at 3E 0.03         2217964 at 3E 0.03       206993 at 3E 0.03         221046 s at 3E 0.03       212862 at 3E 0.03         223150 s at 3E 0.03       221014 s at 3E 0.03         220830 at 3E 0.03       221014 s at 3E 0.03         22177 at 3E 0.03       201178 at 3E 0.03         212777 at 3E 0.03       201178 at 3E 0.03         201807 at 3E 0.03       2012674 s at 3E 0.03         201365 at 3E 0.03       203487 s at 3E 0.03         201365 at 3E 0.03       203487 s at 3E 0.03         201365 at 3E 0.03       201724 s at 3E 0.03         203487 s at 3E 0.03       201724 s at 3E 0.03         20368 at 3E 0.03       201724 s at 3E 0.03         201365 at 3E 0.03       201724 s at 3E 0.03         20366 at 3E 0.03       20874 s at 3E 0.03         205067 at 3E 0.03       207723 s at 3E 0.03         20771 x at 3E 0.03       207723 s at 3E 0.03         207724 s at 3E 0.03       207723 s at 3E 0.03         20775 at 3E 0.03       207723 s at 3E 0.03         207723 s at	235693 2+	3 =	0.03	210616 24	25	
206782_s_at       3E       0.03       200651_at       3E       0.03         213626_at       3E       0.03       201322_at       3E       0.03         202471_s_at       3E       0.03       200921_s_at       3E       0.03         224930_x_at       3E       0.03       204615_x_at       3E       0.03         203143_s_at       3E       0.03       206993_at       3E       0.03         217964_at       3E       0.03       212862_at       3E       0.03         223150_s_at       3E       0.03       221014_s_at       3E       0.03         223150_s_at       3E       0.03       221014_s_at       3E       0.03         21543_s_at       3E       0.03       201178_at       3E       0.03         21543_s_at       3E       0.03       201178_at       3E       0.03         212777_at       3E       0.03       21782_at       3E       0.03         212777_at       3E       0.03       21782_at       3E       0.03         201365_at       3E       0.03       21782_at       3E       0.03         213620_s_at       3E       0.03       208407_s_at       3E       0			0.03	210010_at	35	0.03
213626_at						
213626_at	206782 s at	3E	0.03	200651 at	3E	0.03
224930_x_at       3E       0.03       204615_x_at       3E       0.03         203143_s_at       3E       0.03       55705_at       3E       0.03         217964_at       3E       0.03       206993_at       3E       0.03         221046_s_at       3E       0.03       212862_at       3E       0.03         223150_s_at       3E       0.03       221014_s_at       3E       0.03         200830_at       3E       0.03       201688_at       3E       0.03         211543_s_at       3E       0.03       201178_at       3E       0.03         226436_at       3E       0.03       201089_at       3E       0.03         212777_at       3E       0.03       212674_s_at       3E       0.03         201807_at       3E       0.03       217822_at       3E       0.03         201807_at       3E       0.03       203487_s_at       3E       0.03         201365_at       3E       0.03       20787_s_at       3E       0.03         213620_s_at       3E       0.03       208407_s_at       3E       0.03         225616_at       3E       0.03       204462_at       3E       0.	213626 at	3E	0.03	201322 at	3E	
224930_x_at       3E       0.03       204615_x_at       3E       0.03         203143_s_at       3E       0.03       55705_at       3E       0.03         217964_at       3E       0.03       206993_at       3E       0.03         221046_s_at       3E       0.03       212862_at       3E       0.03         223150_s_at       3E       0.03       221014_s_at       3E       0.03         200830_at       3E       0.03       201688_at       3E       0.03         211543_s_at       3E       0.03       201178_at       3E       0.03         226436_at       3E       0.03       201089_at       3E       0.03         212777_at       3E       0.03       212674_s_at       3E       0.03         201807_at       3E       0.03       217822_at       3E       0.03         201807_at       3E       0.03       203487_s_at       3E       0.03         201365_at       3E       0.03       20787_s_at       3E       0.03         213620_s_at       3E       0.03       208407_s_at       3E       0.03         225616_at       3E       0.03       204462_at       3E       0.	202471 8 2+	3 12	0.03	20022_00	35	
203143_s_at       3E       0.03       55705_at       3E       0.03         217964_at       3E       0.03       206993_at       3E       0.03         221046_s_at       3E       0.03       212862_at       3E       0.03         223150_s_at       3E       0.03       221014_s_at       3E       0.03         200830_at       3E       0.03       201688_at       3E       0.03         211543_s_at       3E       0.03       201178_at       3E       0.03         226436_at       3E       0.03       201089_at       3E       0.03         212777_at       3E       0.03       212674_s_at       3E       0.03         201807_at       3E       0.03       217822_at       3E       0.03         201365_at       3E       0.03       203487_s_at       3E       0.03         213620_s_at       3E       0.03       208407_s_at       3E       0.03         225616_at       3E       0.03       20447_s_at       3E       0.03         225616_at       3E       0.03       218984_at       3E       0.03         2070717_x_at       3E       0.03       204155_s_at       3E       0	202471_5_ac	25	0.03	200321_5_at	25	
217964 at 3E 0.03 221046 s at 3E 0.03 223150 s at 3E 0.03 223150 s at 3E 0.03 220830 at 3E 0.03 201178 at 3E 0.03 211543 s at 3E 0.03 211543 s at 3E 0.03 211543 s at 3E 0.03 212777 at 3E 0.03 212674 s at 3E 0.03 212777 at 3E 0.03 212862 at 3E 0.03 21178 at 3E 0.03 212777 at 3E 0.03 212674 s at 3E 0.03 213620 s at 3E 0.03 213620 s at 3E 0.03 225616 at 3E 0.03 225616 at 3E 0.03 225616 at 3E 0.03 225616 at 3E 0.03 201724 s at 3E 0.03 201717 x at 3E 0.03 2017163 s at 3E 0.03 20171854 s at 3E 0.03 2017163 s at 3E 0.03 2017163 s at 3E 0.03 20171854 s at 3E 0.03 2017175 at 3E 0.03 20204415 at 3E 0.03 203113 s at 3E 0.03						
223150_s_at       3E       0.03       221014_s_at       3E       0.03         200830_at       3E       0.03       203688_at       3E       0.03         211543_s_at       3E       0.03       201178_at       3E       0.03         226436_at       3E       0.03       201089_at       3E       0.03         212777_at       3E       0.03       212674_s_at       3E       0.03         201807_at       3E       0.03       217822_at       3E       0.03         201365_at       3E       0.03       203487_s_at       3E       0.03         213620_s_at       3E       0.03       20874_s_at       3E       0.03         225616_at       3E       0.03       201724_s_at       3E       0.03         225616_at       3E       0.03       224662_at       3E       0.03         20717_x_at       3E       0.03       218984_at       3E       0.03         205067_at       3E       0.03       204155_s_at       3E       0.03         219666_at       3E       0.03       207163_s_at       3E       0.03         210540_s_at       3E       0.03       217854_s_at       3E				55705_at	3E	0.03
223150_s_at       3E       0.03       221014_s_at       3E       0.03         200830_at       3E       0.03       203688_at       3E       0.03         211543_s_at       3E       0.03       201178_at       3E       0.03         226436_at       3E       0.03       201089_at       3E       0.03         212777_at       3E       0.03       212674_s_at       3E       0.03         201807_at       3E       0.03       217822_at       3E       0.03         201365_at       3E       0.03       203487_s_at       3E       0.03         213620_s_at       3E       0.03       20874_s_at       3E       0.03         225616_at       3E       0.03       201724_s_at       3E       0.03         225616_at       3E       0.03       224662_at       3E       0.03         20717_x_at       3E       0.03       218984_at       3E       0.03         205067_at       3E       0.03       204155_s_at       3E       0.03         219666_at       3E       0.03       207163_s_at       3E       0.03         210540_s_at       3E       0.03       217854_s_at       3E	217964 at	3E	0.03	206993 at	3E	0.03
223150_s_at       3E       0.03       221014_s_at       3E       0.03         200830_at       3E       0.03       203688_at       3E       0.03         211543_s_at       3E       0.03       201178_at       3E       0.03         226436_at       3E       0.03       201089_at       3E       0.03         212777_at       3E       0.03       212674_s_at       3E       0.03         201807_at       3E       0.03       217822_at       3E       0.03         201365_at       3E       0.03       203487_s_at       3E       0.03         213620_s_at       3E       0.03       20874_s_at       3E       0.03         225616_at       3E       0.03       201724_s_at       3E       0.03         225616_at       3E       0.03       224662_at       3E       0.03         20717_x_at       3E       0.03       218984_at       3E       0.03         205067_at       3E       0.03       204155_s_at       3E       0.03         219666_at       3E       0.03       207163_s_at       3E       0.03         210540_s_at       3E       0.03       217854_s_at       3E	221046 s at	3E	0.03	212862 at	3E	
200830_at       3E       0.03       203688_at       3E       0.03         211543_s_at       3E       0.03       201178_at       3E       0.03         226436_at       3E       0.03       201089_at       3E       0.03         212777_at       3E       0.03       212674_s_at       3E       0.03         201807_at       3E       0.03       217822_at       3E       0.03         201365_at       3E       0.03       200874_s_at       3E       0.03         213620_s_at       3E       0.03       208407_s_at       3E       0.03         225616_at       3E       0.03       224662_at       3E       0.03         225616_at       3E       0.03       224662_at       3E       0.03         20777_x_at       3E       0.03       204155_s_at       3E       0.03         219666_at       3E       0.03       207163_s_at       3E       0.03         210077_x_at       3E       0.03       207163_s_at       3E       0.03         211005_at       3E       0.03       207163_s_at       3E       0.03         210566_at       3E       0.03       207793_s_at       3E       0	223150 5 3+	3 12	0 03	221014 +	3E	0.03
211543 s_at       3E       0.03       201178 at       3E       0.03         226436_at       3E       0.03       201089 at       3E       0.03         212777_at       3E       0.03       212674_s_at       3E       0.03         201807_at       3E       0.03       217822_at       3E       0.03         52731_at       3E       0.03       203487_s_at       3E       0.03         201365_at       3E       0.03       20874_s_at       3E       0.03         213620_s_at       3E       0.03       208407_s_at       3E       0.03         225616_at       3E       0.03       224662_at       3E       0.03         225616_at       3E       0.03       224662_at       3E       0.03         20717_x_at       3E       0.03       204155_s_at       3E       0.03         219666_at       3E       0.03       207163_s_at       3E       0.03         210540_s_at       3E       0.03       207163_s_at       3E       0.03         207857_at       3E       0.03       217854_s_at       3E       0.03         207857_at       3E       0.03       217854_s_at       3E       0						
226436_at       3E       0.03       201089_at       3E       0.03         212777_at       3E       0.03       212674_s_at       3E       0.03         201807_at       3E       0.03       217822_at       3E       0.03         52731_at       3E       0.03       203487_s_at       3E       0.03         201365_at       3E       0.03       20874_s_at       3E       0.03         213620_s_at       3E       0.03       208407_s_at       3E       0.03         225616_at       3E       0.03       201724_s_at       3E       0.03         225616_at       3E       0.03       224662_at       3E       0.03         20777_x_at       3E       0.03       218984_at       3E       0.03         205067_at       3E       0.03       204155_s_at       3E       0.03         219666_at       3E       0.03       207163_s_at       3E       0.03         210540_s_at       3E       0.03       207793_s_at       3E       0.03         207857_at       3E       0.03       218854_at       3E       0.03         207857_at       3E       0.03       220444_x_at       3E       0.0					ЗE	
226436_at       3E       0.03       201089_at       3E       0.03         212777_at       3E       0.03       212674_s_at       3E       0.03         201807_at       3E       0.03       217822_at       3E       0.03         52731_at       3E       0.03       203487_s_at       3E       0.03         201365_at       3E       0.03       20874_s_at       3E       0.03         213620_s_at       3E       0.03       208407_s_at       3E       0.03         225616_at       3E       0.03       201724_s_at       3E       0.03         225616_at       3E       0.03       224662_at       3E       0.03         20777_x_at       3E       0.03       218984_at       3E       0.03         205067_at       3E       0.03       204155_s_at       3E       0.03         219666_at       3E       0.03       207163_s_at       3E       0.03         210540_s_at       3E       0.03       207793_s_at       3E       0.03         207857_at       3E       0.03       218854_at       3E       0.03         207857_at       3E       0.03       220444_x_at       3E       0.0	211543_s_at	3E	0.03	201178 at	3 <b>E</b>	0.03
212777_at       3E       0.03       212674_s_at       3E       0.03         201807_at       3E       0.03       217822_at       3E       0.03         52731_at       3E       0.03       203487_s_at       3E       0.03         201365_at       3E       0.03       200874_s_at       3E       0.03         213620_s_at       3E       0.03       208407_s_at       3E       0.03         49329_at       3E       0.03       201724_s_at       3E       0.03         225616_at       3E       0.03       224662_at       3E       0.03         20717_x_at       3E       0.03       218984_at       3E       0.03         205067_at       3E       0.03       204155_s_at       3E       0.03         219666_at       3E       0.03       207163_s_at       3E       0.03         210540_s_at       3E       0.03       207793_s_at       3E       0.03         204415_at       3E       0.03       217854_s_at       3E       0.03         207857_at       3E       0.03       220044_x_at       3E       0.03         208619_at       3E       0.03       204252_at       3E       0	226436 at	3E	0.03		3E	
201807_at       3E       0.03       217822_at       3E       0.03         52731_at       3E       0.03       203487_s_at       3E       0.03         201365_at       3E       0.03       200874_s_at       3E       0.03         213620_s_at       3E       0.03       208407_s_at       3E       0.03         49329_at       3E       0.03       201724_s_at       3E       0.03         225616_at       3E       0.03       224662_at       3E       0.03         200717_x_at       3E       0.03       218984_at       3E       0.03         205067_at       3E       0.03       204155_s_at       3E       0.03         219666_at       3E       0.03       207163_s_at       3E       0.03         210540_s_at       3E       0.03       207793_s_at       3E       0.03         207857_at       3E       0.03       218854_at       3E       0.03         207857_at       3E       0.03       220044_x_at       3E       0.03         208619_at       3E       0.03       204252_at       3E       0.03         20975_at       3E       0.03       202390_at       3E       0.04<	_					
52731_at       3E       0.03       203487_s_at       3E       0.03         201365_at       3E       0.03       200874_s_at       3E       0.03         213620_s_at       3E       0.03       208407_s_at       3E       0.03         49329_at       3E       0.03       201724_s_at       3E       0.03         225616_at       3E       0.03       224662_at       3E       0.03         200717_x_at       3E       0.03       218984_at       3E       0.03         205067_at       3E       0.03       204155_s_at       3E       0.03         219666_at       3E       0.03       207163_s_at       3E       0.03         210540_s_at       3E       0.03       207793_s_at       3E       0.03         204415_at       3E       0.03       218854_at       3E       0.03         207857_at       3E       0.03       217854_s_at       3E       0.03         203113_s_at       3E       0.03       204252_at       3E       0.03         20975_at       3E       0.03       204252_at       3E       0.04         218341_at       3E       0.03       202390_at       3E       0.0						
201365_at       3E       0.03       200874_s_at       3E       0.03         213620_s_at       3E       0.03       208407_s_at       3E       0.03         49329_at       3E       0.03       201724_s_at       3E       0.03         225616_at       3E       0.03       224662_at       3E       0.03         200717_x_at       3E       0.03       218984_at       3E       0.03         205067_at       3E       0.03       207163_s_at       3E       0.03         219666_at       3E       0.03       207793_s_at       3E       0.03         210540_s_at       3E       0.03       218854_at       3E       0.03         207857_at       3E       0.03       217854_s_at       3E       0.03         207857_at       3E       0.03       220044_x_at       3E       0.03         208619_at       3E       0.03       204252_at       3E       0.03         20975_at       3E       0.03       222390_at       3E       0.04         218341_at       3E       0.03       201105_at       3E       0.04         202717_s_at       3E       0.03       202638_s_at       3E       0.						
49329_at       3E       0.03       201724_s_at       3E       0.03         225616_at       3E       0.03       224662_at       3E       0.03         200717_x_at       3E       0.03       218984_at       3E       0.03         205067_at       3E       0.03       204155_s_at       3E       0.03         219666_at       3E       0.03       207163_s_at       3E       0.03         210540_s_at       3E       0.03       207793_s_at       3E       0.03         204415_at       3E       0.03       218854_at       3E       0.03         207857_at       3E       0.03       217854_s_at       3E       0.03         203113_s_at       3E       0.03       204252_at       3E       0.03         208619_at       3E       0.03       204252_at       3E       0.03         20975_at       3E       0.03       202390_at       3E       0.04         218341_at       3E       0.03       201105_at       3E       0.04         202717_s_at       3E       0.03       202638_s_at       3E       0.04	52731_at	3E				
49329_at       3E       0.03       201724_s_at       3E       0.03         225616_at       3E       0.03       224662_at       3E       0.03         200717_x_at       3E       0.03       218984_at       3E       0.03         205067_at       3E       0.03       204155_s_at       3E       0.03         219666_at       3E       0.03       207163_s_at       3E       0.03         210540_s_at       3E       0.03       207793_s_at       3E       0.03         204415_at       3E       0.03       218854_at       3E       0.03         207857_at       3E       0.03       217854_s_at       3E       0.03         203113_s_at       3E       0.03       204252_at       3E       0.03         208619_at       3E       0.03       204252_at       3E       0.03         20975_at       3E       0.03       202390_at       3E       0.04         218341_at       3E       0.03       201105_at       3E       0.04         202717_s_at       3E       0.03       202638_s_at       3E       0.04	201365 at	3E	0.03	200874 s at	3E	0.03
49329_at       3E       0.03       201724_s_at       3E       0.03         225616_at       3E       0.03       224662_at       3E       0.03         200717_x_at       3E       0.03       218984_at       3E       0.03         205067_at       3E       0.03       204155_s_at       3E       0.03         219666_at       3E       0.03       207163_s_at       3E       0.03         210540_s_at       3E       0.03       207793_s_at       3E       0.03         204415_at       3E       0.03       218854_at       3E       0.03         207857_at       3E       0.03       217854_s_at       3E       0.03         203113_s_at       3E       0.03       204252_at       3E       0.03         208619_at       3E       0.03       204252_at       3E       0.03         20975_at       3E       0.03       202390_at       3E       0.04         218341_at       3E       0.03       201105_at       3E       0.04         202717_s_at       3E       0.03       202638_s_at       3E       0.04	213620 s at	3E				
225616 at       3E       0.03       224662 at       3E       0.03         200717 x at       3E       0.03       218984 at       3E       0.03         205067 at       3E       0.03       204155 s at       3E       0.03         219666 at       3E       0.03       207163 s at       3E       0.03         210540 s at       3E       0.03       207793 s at       3E       0.03         204415 at       3E       0.03       218854 at       3E       0.03         207857 at       3E       0.03       220044 x at       3E       0.03         203113 s at       3E       0.03       204252 at       3E       0.03         208619 at       3E       0.03       20932 s at       3E       0.03         20975 at       3E       0.03       22390 at       3E       0.04         218341 at       3E       0.03       201105 at       3E       0.04         202717 s at       3E       0.03       202638 s at       3E       0.04	19329 at	312				
200717_x_at       3E       0.03       218984_at       3E       0.03         205067_at       3E       0.03       204155_s_at       3E       0.03         219666_at       3E       0.03       207163_s_at       3E       0.03         211005_at       3E       0.03       207793_s_at       3E       0.03         210540_s_at       3E       0.03       218854_at       3E       0.03         207857_at       3E       0.03       217854_s_at       3E       0.03         203113_s_at       3E       0.03       204252_at       3E       0.03         208619_at       3E       0.03       20932_s_at       3E       0.03         20975_at       3E       0.03       222390_at       3E       0.04         218341_at       3E       0.03       201105_at       3E       0.04         202717_s_at       3E       0.03       202638_s_at       3E       0.04				<b>– –</b>		
205067 at       3E       0.03       204155 s at       3E       0.03         219666 at       3E       0.03       207163 s at       3E       0.03         211005 at       3E       0.03       207793 s at       3E       0.03         210540 s at       3E       0.03       218854 at       3E       0.03         204415 at       3E       0.03       217854 s at       3E       0.03         207857 at       3E       0.03       220044 x at       3E       0.03         203113 s at       3E       0.03       204252 at       3E       0.03         208619 at       3E       0.03       20932 s at       3E       0.03         20975 at       3E       0.03       222390 at       3E       0.04         218341 at       3E       0.03       201105 at       3E       0.04         202717 s at       3E       0.03       202638 s at       3E       0.04						
205067_at       3E       0.03       204155_s_at       3E       0.03         219666_at       3E       0.03       207163_s_at       3E       0.03         211005_at       3E       0.03       207793_s_at       3E       0.03         210540_s_at       3E       0.03       218854_at       3E       0.03         207857_at       3E       0.03       217854_s_at       3E       0.03         203113_s_at       3E       0.03       204252_at       3E       0.03         208619_at       3E       0.03       20932_s_at       3E       0.03         20975_at       3E       0.03       222390_at       3E       0.04         218341_at       3E       0.03       201105_at       3E       0.04         202717_s_at       3E       0.03       202638_s_at       3E       0.04	200717_x_at	3E	0.03	218984 at	· 3E	0.03
219666_at       3E       0.03       207163_s_at       3E       0.03         211005_at       3E       0.03       207793_s_at       3E       0.03         210540_s_at       3E       0.03       218854_at       3E       0.03         204415_at       3E       0.03       217854_s_at       3E       0.03         207857_at       3E       0.03       220044_x_at       3E       0.03         203113_s_at       3E       0.03       204252_at       3E       0.03         208619_at       3E       0.03       20932_s_at       3E       0.03         20975_at       3E       0.03       222390_at       3E       0.04         218341_at       3E       0.03       201105_at       3E       0.04         202717_s_at       3E       0.03       202638_s_at       3E       0.04	205067 at	3E	0.03	204155 s at	3E	
211005_at       3E       0.03       207793_s_at       3E       0.03         210540_s_at       3E       0.03       218854_at       3E       0.03         204415_at       3E       0.03       217854_s_at       3E       0.03         207857_at       3E       0.03       220044_x_at       3E       0.03         203113_s_at       3E       0.03       204252_at       3E       0.03         208619_at       3E       0.03       20932_s_at       3E       0.03         20975_at       3E       0.03       222390_at       3E       0.04         218341_at       3E       0.03       201105_at       3E       0.04         202717_s_at       3E       0.03       202638_s_at       3E       0.04				207163 g at		
210540_s_at       3E       0.03       218854_at       3E       0.03         204415_at       3E       0.03       217854_s_at       3E       0.03         207857_at       3E       0.03       220044_x_at       3E       0.03         203113_s_at       3E       0.03       204252_at       3E       0.03         208619_at       3E       0.03       20932_s_at       3E       0.03         20975_at       3E       0.03       222390_at       3E       0.04         218341_at       3E       0.03       201105_at       3E       0.04         202717_s_at       3E       0.03       202638_s_at       3E       0.04						
204415_at       3E       0.03       217854_s_at       3E       0.03         207857_at       3E       0.03       220044_x_at       3E       0.03         203113_s_at       3E       0.03       204252_at       3E       0.03         208619_at       3E       0.03       20932_s_at       3E       0.03         20975_at       3E       0.03       222390_at       3E       0.04         218341_at       3E       0.03       201105_at       3E       0.04         202717_s_at       3E       0.03       202638_s_at       3E       0.04						
204415_at       3E       0.03       217854_s_at       3E       0.03         207857_at       3E       0.03       220044_x_at       3E       0.03         203113_s_at       3E       0.03       204252_at       3E       0.03         208619_at       3E       0.03       20932_s_at       3E       0.03         20975_at       3E       0.03       222390_at       3E       0.04         218341_at       3E       0.03       201105_at       3E       0.04         202717_s_at       3E       0.03       202638_s_at       3E       0.04		3E			3E	
207857_at       3E       0.03       220044_x_at       3E       0.03         203113_s_at       3E       0.03       204252_at       3E       0.03         208619_at       3E       0.03       200932_s_at       3E       0.03         200975_at       3E       0.03       222390_at       3E       0.04         218341_at       3E       0.03       201105_at       3E       0.04         202717_s_at       3E       0.03       202638_s_at       3E       0.04	204415 at	3E	0.03	217854 s at	3E	
203113_s_at       3E       0.03       204252_at       3E       0.03         208619_at       3E       0.03       200932_s_at       3E       0.03         200975_at       3E       0.03       222390_at       3E       0.04         218341_at       3E       0.03       201105_at       3E       0.04         202717_s_at       3E       0.03       202638_s_at       3E       0.04						
208619_at       3E       0.03       200932_s_at       3E       0.03         200975_at       3E       0.03       222390_at       3E       0.04         218341_at       3E       0.03       201105_at       3E       0.04         202717_s_at       3E       0.03       202638_s_at       3E       0.04			0.03			
200975_at       3E       0.03       222390_at       3E       0.04         218341_at       3E       0.03       201105_at       3E       0.04         202717_s_at       3E       0.03       202638_s_at       3E       0.04						
200975_at       3E       0.03       222390_at       3E       0.04         218341_at       3E       0.03       201105_at       3E       0.04         202717_s_at       3E       0.03       202638_s_at       3E       0.04					3 <b>E</b>	0.03
218341_at	200975 at	3E	0.03	222390 at	3E	
202717_s_at 3E 0.03 202638_s_at 3E 0.04	218341 at	3E				
203076_s_at 3E 0.03 229091_s_at 3E 0.04	202717 e a+	3 F				0.04
229091_s_at 3E 0.04	202111_3_ac	25				
	2030/0_8_at	) Ľ	0.03	229091_S_at	35	0.04

202787_s_at	3E	0.04	217200 a at	212	0 04
202707_3_ac	25		217299_s_at	3E	0.04
203184_at 210317_s_at	3E	0.04	212014_x_at	3E	0.04
210317_s_at	3E	0.04	33322 <u>i_a</u> t	3E	0.04
212689_s_at	3E	0.04	203462 x at	3E	0.04
210835 s at	3E	0.04	204367 at	3E	0.04
	3E	0.04	208912_s at	3E	0.04
		0.04			
200029_ac	3E 3E		213918_s_at	3E	0.04
211889_x_at		0.04	213587_s_at		0.04
201729_s_at	3E	0.04	212305 s at	3E	0.04
200929_at	3E	0.04	210088 x at	3E	0.04
201303 at	3E	0.04	214290_s_at		0.04
200929_at 201303_at 208420_x_at 217731_s_at	3 12	0.04	210532 s at		
217721	25				0.04
21//31_s_at	3E	0.04	216490 <u>x</u> at		
	3E	0.04	225517_at	3E	0.04
200646_s_at	3E	0.04	213501 at	3E	0.04
	3 <b>E</b>	0.04	207522 <u>s</u> at	3E	0.04
224761 at	3F	0.04	212655 at	3 <b>E</b>	0.04
209479_at	3E	0.04	212655_at 213226_at	3E	
202544 at	25		213220_dt	3E	
202544_at	2E	0.04	202392_s_at		
214866 <u>a</u> t	ЗE	0.04	211725_s_at	3 <b>E</b>	0.04
202135_s_at	3E	0.04	200083 at	3E	0.04
227025 at	3E 3E 3E	0.04	200083_at 213916_at	3E	
200919 at	3E	0.04	213590 <u>a</u> t	3E	
213535_s_at		0.04	209418 s at		
213333_3_ac	25		209410_S_at	25	
213349_at	3E	0.04			
212231_at		0.04	218474_s_at		
210378_s_at		0.04	220052_s_at	3E	0.04
206636 at	3E	0.04	206090 s at	3E	0.04
		0.04	205349_at		0.04
200959_at 223398_at	3 E	0.04	212880 at	3E	
212864 at	35	0.04	212880_at 202042_at		
			202042_at	3E	
204328_at		0.04	226811 <u>_</u> at	3E	
205042_at	3 <b>E</b>	0.04	224844_at	3E	0.04
224846 at	3E	0.04	221763_at 220684_at	3E	0.04
222231_s_at	3E	0.04	220684 at	3E	
224605 at		0.04	207573 x at	3E	
	3E	0.04	204571_x_at		0.04
216221 s at		0.04			
216221_S_at	3E		202670_at		0.04
211972_x_at	3E	0.04	208742_s_at	3 <b>E</b>	0.04
	3E	0.04	210453_x_at		
211250 s at	3E	0.04	213045 at	3E	0.04
200981 x at	3E	0.04	203508_at	3E	0.04
220731 s at	3E	0.04	222410 s at	3E	0.04
222495 at	3E	0.04			
			201200_at	3E	0.04
212026_s_at	3E	0.04	209022_at	3E	0.04
201761_at	3E	0.04	212209 <u>a</u> t	3E	0.04
221764_at	3E	0.04	. 218131_s_at	3E	0.04
209481 at	3E	0.04	220755 s at	3E	0.04
231059 x at	3E	0.04	202290 at	3E	0.04
212742 at	3E	0.04	1553133 at	3E	0.04
207008 at		0.04			
	3E		206015_s_at	3E	0.04
204630_s_at	3E	0.04	213677_s_at	3E	0.04
211794_at	3E	0.04	204185_x_at	3E	0.04
217750_s_at	3E	0.04	213370 s at	3E	0.04
202860_at	3E	0.04	224574 at	3E	0.04
238974 at	3E	0.04	204804 at	3E	0.04
		0.04			
207335_x_at	3E		204970_s_at	3E	0.04
219445_at	3E	0.04	200657_at	3E	0.04
208914_at	3E	0.04	206632_s_at	3E	0.04
218530_at	3E	0.04	1555705 a at	3E	0.04
218909 at	3E	0.04	217888_s_at	3E	0.04
218047 at	3E	0.04	1554173 at	3E	0.04
204477 at	3E	0.04	200094 s at	3E	0.04
_		0.04			
204063_s_at	3E	0.04	208709_s_at	3E	0.04

				~ —	
211991_s_at	3E	0.04	205310 at	3F	1.21e-04
200014_s_at	3E	0.04	208456_s_at	3F	1.46e-04
200689 x at	3E	0.04	219334 s at	3 <b>F</b>	1.54e-04
218718 at	3E	0.04	217499 x at	3 <b>F</b>	1.57e-04
213704_at	3E	0.04	219105_x_at	3 <b>F</b>	1.7e-04
217527 s at	3E	0.04	207563 s at	3F	2.2e-04
201358_s_at	3E	0.04	213515_x_at	3 <b>F</b>	2.28e-04
224994 at	3E	0.04	208690 s at	3F	2.96e-04
208120 x at	3E	0.04	219706 at	3F	3.46e-04
201530 x at	3E	0.04	214007 s at	3F	3.54e-04
204246 s at	3E	0.04	33322 <u>i</u> at	3F	3.69e-04
202637_s_at	3E	0.04	202545_at	3F	3.92e-04
218751 s at	3E	0.04	206098 at	3F	4.81e-04
208304_at	ЗE	0.04	209006_s_at	3F	4.83e-04
200829 x at	3E	0.04	214273 x at	3F	5.0e-04
202418 at	3E	0.04	217750 s at	3F	5.07e-04
209667 at	3E	0.04	201557 at	3F	5.2e-04
226038 at	3E	0.04	218425 at	3F	5.36e-04
239598_s_at	3E	0.04	209041_s_at	3 <b>F</b>	
221775 x at	3E	0.04	207908 at	3F	5.89e-04
208696 at	3E	0.04	215260 s at	3F	5.97e-04
218018_at	3E	0.04	201174_s_at	3F	
212050 at	3E	0.04	204577 s at	3F	6.26e-04
210616 s at	3E	0.04	204004 at	3F	
208405_s_at	3E	0.04	208900 s at	3 <b>F</b>	6.63e-04
208975 s at	3E	0.04	215535 s at	3F	6.7e-04
			217620		
204254_s_at	3E	0.04	217620_s_at	3F	7.57e-04
213036 x at	3E	0.04	217963 s at	3F	8.26e-04
218088 s at	3E	0.04	206035 at	3F	8.31e-04
203234_at	3E	0.04	202689 <u>a</u> t	3F	
201443 s at	3E	0.04	214428 x at	3F	9.19e-04
207131 x at	3E	0.04	203554 x at	3F	9.53e-04
218492_s_at	3E	0.04	32032_at	3 <b>F</b>	9.65e-04
209696 at	3E	0.04	211367 s at	3F	9.87e-04
$155390\overline{6}$ s at	3E	0.04	202301 s at	3F	1.007849e-03
202249_s_at	3E	0.04	207815_at	3F	1.023206e-03
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213356_x_at	3E	0.04	217100 s at	3F	1.145891e-03
223501_at	3E	0.04	208184_s_at	3F	1.14593e-03
201973 s at	3E	0.04	205084 at	3F	1.148326e-03
	3E	0.04	201454 s at	3 <b>F</b>	
224658_x_at					1.158578e-03
200045_at	3E	0.04	48659_at	3F	1.164463e-03
200022 at	3E	0.04	20272 <del>9</del> s at	3F	1.262773e-03
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218139 s at	3E	0.04	212307 s at	3F	1.599182e-03
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1552257 a at		0.04	212320 at		
				3F	1.633811e-03
225919_s_at	3E	0.04	201008_s_at	3F	1.648198e-03
203885 at	3E	0.04	212118 at	3F	1.826949e-03
_			216054 x at		
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209799_at	3F	4.68e-06	208658_at	3F	1.862184e-03
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208199 s at	3F	3.14e-05	208964 s at	3F	2.080081e-03
33323 r at			201110 s at	3F	2.081985e-03
	3F	4.4/8-05			
	3F	4.42e-05			
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					2.106469e-03
210286_s_at 215606_s_at	3F 3F	4.69e-05 6.37e-05	212456_at 202120_x_at	3F 3F	2.106469e-03 2.133776e-03
210286_s_at 215606_s_at 201367_s_at	3F 3F 3F	4.69e-05 6.37e-05 7.55e-05	212456_at 202120_x_at 217144_at	3F 3F 3F	2.106469e-03 2.133776e-03 2.225618e-03
210286_s_at 215606_s_at	3F 3F	4.69e-05 6.37e-05	212456_at 202120_x_at	3F 3F	2.106469e-03 2.133776e-03

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204258 at
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216060 s at
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                  2.244021e-03
                                          220476 s at
                                                            5.58766e-03
207071 s at
              3F
                  2.248178e-03
                                          64486 at
                                                            5.605568e-03
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206383 s at
              3F
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                                                            5.725265e-03
212100 s at
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                                          203204 s at
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                                          212312 at
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221006 s at
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              ЗF
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                                                            9.130659e-03
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204127 at
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212078_s_at
              3F
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                                                        3F
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214318 s at
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                                                           9.379893e-03
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                                                           9.431195e-03
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219724_s_at
             3F
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                                                        3F 9.693977e-03
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34408 at	3F	9.891932e-03 9.922385e-03	218586 at	3F	0.01
$21141\overline{3} \text{ s at}$	3F	9.965171e-03 0.01 0.01 0.01 0.01	38710 <u>a</u> t	3F	0.01
218433 at	3 5	0.01	215043 s at		
210433_at	25	0.01	213043_S_at		
201663_s_at 203560_at 207760_s_at	ЗF	0.01	204404_at		0.01
203560_at	3F	0.01	212629 s at	ЗF	0.01
207760 s at	3F	0.01 0.01 0.01	214129_at	3F	0.01
201831 s at	3 F	0.01	219073 s at	3F	0.01
		0.01	200035 5	35	0.01
203456_at	31	0.01	200035_at	31	0.01
213716_s_at 209518_at 210088_x_at	3F	0.01	218194_at	3F	0.01
209518_at	3F	0.01	37966 at	3F	0.01
210088 x at	3F	0.01	204026  s at	3F	0.01
203063_at	3 ፑ	0.01	215438 v at	3 F	0 01
200408_at	35	0.01	203001	312	0.01
209496_at	3r	0.01	203081_at	or o-	0.01
206621_s_at	3 F.	0.01	215111_s_at	3F	0.01
209498_at 206621_s_at 218164_at	3F	0.01	203759_at	3F	0.01
219956 at	3F	0.01	203119 at	3F	0.01
206845 <u>s</u> at	3F	0.01	1494 f at	3F	0.01
220094 s at	3 5	0.01	206336 2+	3 12	0.01
218264	317	0.01	200530_ac	25	0.01
220094_s_at 218264_at 220642_x_at	3 E	0.01	204599_s_at	31	0.01
220642_x_at	3F	0.01	201711_x_at	3F	0.01
203363 s at	3F	0.01	218718 at	3F	0.01
203939 <u>at</u>	3F	0.01	204038 s at	3F	0.01
203763 at	3 F	0 01	203064 s at	3 F	0.01
203763_at 212430_at	35	0.01	219770	35	0.01
212430_ac	25	0.01	216//U_S_at	35	0.01
212901_s_at		0.01	218733_at	3F	0.01
202621_at	ЗF	0.01	214220_s_at	3F	0.01
205547_s_at 205386_s_at	3F	0.01	203395 s at	3F	0.01
205386 s at	3F	0.01	37462 i at	3F	0.01
205347 s at	ું ઉજ	0 01	208996 8 3+	3 12	0.01
		0.01	57500 -+	25	0.01
202962_at		0.01	5/588_at	31	0.01
203242_s_at	3F	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	220287_at	3F	0.01
203394_s_at 220944_at	3F	0.01	35 <b>617</b> at	3F	0.01
220944 at	3F	0.01	202500 at	3F	0.01
219192 at		0.01	204612 at	3F	0.01
221219_s_at	3 F	0.01	206087 % at	3 12	0.01
215255	25	0.01	200007_X_ac	25	0.01
215836_s_at 214437 s at	3r	0.01	219235_S_at	31	0.01
21443/_s_at	3 F.	0.01	203600_s_at	3F	0.01
201844 <u>s</u> at	3F	0.01	218607_s_at	ЗF	0.01
212763_at	3F	0.01	206370 at	3F	0.01
212096 s at	3F	0.01	213490 s at	3F	0.01
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		0.01	204042_at	25	0.01
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206150_at	3F	0.01	219 <b>4</b> 98_s_at	3F	0.01
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220283 at	3F	0.01	212407 at		0.01
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204935_at	3F	0.01	214150_x_at		
207229_at 208478_s_at	3F	0.01	218942_at	3F	0.02
208478 s at	3 <b>F</b>	0.01	202483 s at	3F	0.02
210093 s at	3 <b>F</b>	0.01	212553 at	3F	0.02
201225 s at	3F	0.01	203931 s at	3F	0.02
		0.01	<del></del>		
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219860_at	3F 3F	0.01	205467_at	3 <b>F</b>	0.02
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	3F		209839 at	3F	0.02
39248 at	3F	0.01			
JJ270_at	υr	0.01	206134_at	3 F	0.02

222360 at	3F	0.02	204884 s at	3F	0.02
33768 at			206807 s at		
208947_s_at			219515_at		
205659_at			221514_at		
201161_s_at	3 <b>F</b>	0.02	205315_s_at	3F	0.02
212106 at	3F	0.02	205315_s_at 218561_s_at	3F	0.02
217903 at			212863 x at	3F	0.03
219186_at			2185 <b>8</b> 3 s at		
205339_at	3 E	0.02	219257_s_at	3 E	
204000_at 202916_s_at	ЗF	0.02	218301_at 202288_at	3F	
202916 s at	3F	0.02	202288 at	3F	0.03
202584 at	3F	0.02	207979_s_at	3F	0.03
208022 s at			218473 s at		
204686_at			201158_at		
217742_s_at	31.		205353_s_at	3F	
206756_at		0.02	218887_at	3F	0.03
202337 at	3F	0.02	208056_s_at	3F	0.03
219925_at	3F	0.02	37028 at		
			2182 <b>4</b> 3_at	3F	
215148_s_at 204040 at	35	0.02	206006 0 0+	3F	
204040_at	25	0.02	206006_s_at		
203468 <u>a</u> t			219356_s_at		
208753_s_at	3F	0.02	160020_at		0.03
210695_s_at	3F	0.02	54037_at	3F	0.03
216262 s at	3F	0.02	20103 <del>9</del> _s_at	3F	
218920_at	उस	0.02	218060_s_at	3F	
207808_s_at			218915_at		
49485_at	3F.	0.02	201890_at		
218552_at	3F	0.02	213095_x_at	3F	0.03
218552_at 212333_at	3F	0.02	219901 at	3F	0.03
21.3389 at	3F	0.02	202926_at	3F	0.03
204687_at			218350 s at	3 ह	
202862_at	25	0.02	216550_x_at	25	
203196_at	3 E		201468_s_at		
203864_s_at	3F	0.02	201306_s_at	3 <b>F</b>	0.03
211250_s_at	3F	0.02	46256 at	3F	0.03
206586 <u>a</u> t	3F	0.02	218597 s at	3F	0.03
212948 at	312		218530_at		
204978_at	3 म	0.02	208975_s_at	3F	
213122 at	25		200373_3_40	25	
			205418_at		
201786_s_at			20 <b>4</b> 761_at		
209366_x_at		0.02	20 <b>4</b> 872_at	3F	
205230 at	3F	0.02	220988_s_at	3F	0.03
210807 s at	3F	0.02	222133 s at		
		0.02	204423 at		
_			210825_s_at		
220059_at	21.	0.02			
217938_s_at	or or	0.02	203285_s_at	3F	
		0.02	219551_at		
213545_x_at			21 <b>4291_</b> at		
218667_at	3F	0.02	21 <b>4047</b> s at	3F	0.03
			214688_at	3F	
53987_at 205068_s_at	3 F	0.02	213307 at	3F	
220336_s_at	25		213307_40	25	
		0.02	39817_s_at	3F	
219232_s_at			201649_at		
210875_s_at	ЗF	0.02	218211_s_at		0.03
206263_at	3F	0.02	203709_at	3F	0.03
201050_at	3F	0.02	205357 s at		
201048 x at	3F	0.02	201701 s at		
		0.02	<b>– –</b>		
	3F		216399_s_at	3F	
201408_at	3F	0.02	220241_at		
213249_at	ЗF	0.02	201709_s_at		0.03
201095_at		0.02	213507 s at	3F	0.03
205372 at			202954 at		
	3F		218941 at		
220521 s at		0.02	206398 s at	3F	0.03
220021_8_at	25	0.02	200390_s_at	35	0.03

214130 s at	3F	0.03	206536 s at	3G	1.49e-04
218774_at	ЗF	0.04	219334 s at	3G	1.54e-04
204560_at	3F	0.04	217499_x_at	3G	1.57e-04
203944 x at	3F	0.04	219105 x at	3G	1.7e-04
218659 at		0.04			
	3F		220735_s_at	3G	2.03e-04
217975 at	3F	0.04	207563 s at	3G	2.2e-04
203580_s_at	3 <b>F</b>	0.04	205187 at	3G	2.25e-04
208611_s_at	3F	0.04	213515_x_at	3G	2.28e-04
200867 at	3F	0.04	207038 at	3G	2.54e-04
$215706 \times at$	3F	0.04	219507 at		
			_	3G	2.8e-04
218493_at	3F	0.04	208690 s at	3G	2.96e-04
212193_s_at	3F	0.04	203357 s at	3G	3.41e-04
214878_at 206096_at	ЗF	0.04	211536_x_at		3.42e-04
206096 at	3F	0.04	219706 at	3G	3.46e-04
220491 at	3F	0.04	214007 s at		3.54e-04
37652_at	ЗF	0.04	201742_x_at		3.55e-04
203420_at	3F	0.04	208325_s_at	3G	3.58e-04
213452 at	3F	0.04	210426 x at	3G	3.59e-04
213452_40	25				
211752_s_at		0.04	33322_i_at	3G	3.69e-04
218512 at	3F	0.04	201917 s at	3G	3.8e-04
49878_at	3F	0.04	202545 at	3G	3.92e-04
215220_s_at	3F	0.04	221423_s_at	3G	4.13e-04
202074 s at	3F	0.04	220577 at	3G	4.14e-04
213398 s at	3F	0.04	212 <b>291</b> at		4.39e-04
208426_x_at	3F	0.04	206098_at	3G	4.81e-04
217806 s at	3F	0.04	209006_s_at	3G	4.83e-04
219352 at		0.04	214273 x at		5.0e-04
<del></del>					
207445_s_at	3F	0.04	208003 s at	3G	5.03e-04
205632 s at	ЗF	0.04	217750 s at	3G	5.07e-04
219997_s_at	3F	0.04			
			209127_s_at		5.08e-04
203529_at	3F	0.04	212107 s at	3G	5.15e-04
201308 s at	3F	0.04	201557 at	3G	5.2e-04
221679 s at	3F	0.04	201747 s at		
					5.27e-04
203322_at	3F	0.04	211085_s_at	3G	5.34e-04
202793 at	3F	0.04	214305 s at	3G	5.35e-04
202793_at 218066_at	3F	0.04	218 <b>425</b> at	3G	5.36e-04
		0.04			J.50e-04
208047_s_at	3G	1.16e-06	209041_s_at	3G	5.38e-04
212332 at	3G	4.35e-06	21 <b>8624</b> s at	3G	5.41e-04
209799 <u>a</u> t	3G	4.68e-06	200008_s_at		5.61e-04
206061_s_at	3G	8.45e-06	212073_at		5.73e-04
209701 at	3G	1.66e-05	212809_at	3G	5.81e-04
210195 s at		1.67e-05	207908 at	3G	
			_		
207686_s_at	3G	2.1e-05	215260_s_at	3G	5.97e-04
210479 s at	3G	2.31e-05	221222 s at	3G	5.98e-04
200896 x at	3G	2.37e-05	201174 s at	3G	6.0e-04
220342_x_at	3G	3.4e-05	20298 <b>4</b> _s_at	3G	6.09e-04
33323 <u>r</u> at	3G	4.42e-05	202631_s_at	3G	6.2e-04
210286 s at	3G	4.69e-05	204577 s at	3G	6.26e-04
208042 at					
	3G	5.18e-05	221311_x_at	3G	6.44e-04
214545 s at	3G	5.39e-05	207791 s at	3G	6.51e-04
209305 s at	3G	5.63e-05	204004 at	3G	6.59e-04
218273_s_at	3G	6.29e-05	208900_s_at	3G	6.63e-04
221473 x at	3G	6.36e-05	215535 s at	3G	6.7e-04
215606 s at	3G	6.37e-05	205045 at	3G	7.01e-04
210092_at	3G	6.86e-05	2176 <b>44</b> _s_at	3G	7.31e-04
218782_s_at	3G	7.02e-05	208797 s at	3G	7.46e-04
207564_x_at	3G	7.32e-05	201329 s at	3G	7.92e-04
201367_s_at	3G	7.55e-05	200898_s_at	3G	8.16e-04
210943 s at	3G	9.48e-05	217963 s at	3G	8.26e-04
203932 at	3G	9.9e-05	212420 at	3G	8.29e-04
_					
202062_s_at	3G	1.18e-04	37793_r_at	3G	8.31e-04
205310_at	3G	1.21e-04	20268 <mark>9</mark> at	3G	8.36e-04
207565 s at	3G	1.29e-04	201295 s at	3G	8.4e-04
208456 s at	3G	1.46e-04		3G	
~00470_2_at	ىد	1.406-04	34449_at	36	8.5e-04

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3G
                 8.59e-04
                                          200813_s_at
221985 at
                                                        3G
                                                           2.084347e-03
              3G
                  8.8e-04
202816 s at
                                          212456 at
                                                        3G
                                                            2.106469e-03
211230 s at
              3G
                  9.08e-04
                                          203158 s at
                                                        3G
                                                            2.122345e-03
214428 x at
              3G
                  9.19e-04
                                          202120 x at
                                                        3G
                                                            2.133776e-03
207535 s at
              3G
                  9.21e-04
                                          212016 s at
                                                        3G
                                                            2.143885e-03
203554 \times at
              3G
                  9.53e-04
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32032 at
              3G
                  9.65e-04
                                                        3G
                                          M9793
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211367_s_at
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                                          217144 at
202301 s at
                                          202118_s_at
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              3G
                  1.023206e-03
                                          203113 s_at
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202731 at
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                                                        3G
                                                            2.244021e-03
213470 s at
                                          207071 s at
              3G
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                                                            2.248178e-03
211022 s at .
                                          206383 s at
              3G
                  1.116478e-03
                                                        3G
                                                            2.253546e-03
217100_s_at
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              3G
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208184_s_at
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                                          212100 s_at
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205084 at
              3G
                                          207001 x at
                  1.148326e-03
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                                                            2.337713e-03
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202387_at
213986_s_at
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                  1.150409e-03
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                                                            2.361442e-03
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              3G
                  1.164463e-03
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                                                            2.411959e-03
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200745_s_at
                                          214881_s_at
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                                                            2.412823e-03
              3G
                  1.207135e-03
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202729 s at
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200825 s at
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              3G
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202818_s_at
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207164_s_at
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                                          214513_s_at
204184_s_at
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                                                            2.733304e-03
208200_at
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                  1.359359e-03
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                  1.37221e-03
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212218_s_at
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                                          206834 at
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                                                            3.103281e-03
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216054_x_at
                  1.849837e-03
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                                                            3.177508e-03
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208658 at
              3G
                  1.862184e-03
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                                                            3.197472e-03
51228 at
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                                          202068 s at
                                                        3G
                                                            3.21197e-03
215629_s_at
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                                                        3G
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201867 s at
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                  1.996056e-03
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                                                            3.327859e-03
215794 x at
              3G
                  1.998503e-03
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201729 s_at
              3G
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205842 s at
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209619 at
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                                          91682 at
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201912_s_at
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                                          212220 at
                  2.070914e-03
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208964 s at
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                                                        3G
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201110_s_at
              3G 2.081985e-03
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                                                           3.666041e-03
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210966_x_at	3G	3.747261e-03	218156_s_at	3G	5.88694e-03
205585 at	3G	3.767509e-03			
			205285_s_at	3G	5.893553e-03
217167_x_at	3G	3.771448e-03	207234_at	3G	5.939879e-03
203481 at	3G	3.788839e-03	201337 s at	3G	5.950331e-03
204069 at	3G	3.812851e-03	201043 s at	3G	5.961972e-03
209040 s at	3G	3.820866e-03	210172 at	3G	5.983122e-03
206053_at	3G	3.847065e-03	212312_at	3G	6.020154e-03
200931_s_at	3G	3.89503e-03	210235_s_at	3G	6.045761e-03
219102 at	3G	3.90625e-03	41160 at	3G	6.148487e-03
204312_x_at	3G	3.917446e-03	$20205\overline{4} \text{ s at}$	3G	6.149484e-03
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			210690_at	3G	6.179494e-03
212365_at	3G	3.987825e-03	205546_s_at	3G	6.215019e-03
210395_x_at	3G	4.001298e-03	205270_s_at	3G	6.236906e-03
212008_at	3G	4.024057e-03	220703 at	3G	6.258578e-03
396 f at	3G	4.065186e-03	202902 <sup>-</sup> s at	3G	6.322718e-03
$218\overline{8}4\overline{7}$ at	3G	4.078006e-03	219081 at	3G	6.330208e-03
220947 s at	3G	4.190369e-03	212515 s at		6.331457e-03
				3G	
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206655_s_at	3G	4.236198e-03	217301_x_at	3G	6.343962e-03
220775_s_at	3G	4.31576e-03	221345 at	3G	6.366347e-03
221873 at	3G	4.342665e-03	217687 at	3G	6.456374e-03
200623 s at	3G	4.349246e-03	206501 x at	3G	6.485448e-03
205446_s_at	3G	4.361644e-03	220694 at	3G	6.62388e-03
201280_s_at	3G	4.362044e-03	213670_x_at	3G	6.627743e-03
210057_at	3G	4.425787e-03	214666_x_at	3G	6.681043e-03
219376_at	3Ģ	4.453647e-03	214698 at	3G	6.740943e-03
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203546 at	3G	4.481646e-03	211251 x at	3G	6.770531e-03
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	3G				
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213623 at	3G	4.719046e-03	202775 s at	3G	6.920095e-03
20 <b>4</b> 505 s at	3G	4.725763e-03	211716 x at	3G	6.961852e-03
205526 s at	3G	4.753044e-03	220305 at	3G	7.048505e-03
			_		
214039_s_at	3G	4.776089e-03	210734_x_at	3G	7.184769e-03
205219_s_at	3G	4.777625e-03	208930_s_at	3G	7.212579e-03
207108_s_at	3G	4.974459e-03	205 <b>41</b> 7 s at	3G	7.218515e-03
213632 at	3G	5.018695e-03	201685_s_at	3G	7.299995e-03
219994 at	3G	5.029257e-03	214355 x at	3G	7.341418e-03
218709_s_at	3G	5.032677e-03	202655 at	3G	7.376093e-03
213446 s at	3G		218122 s at		
		5.041758e-03		3G	7.385165e-03
208965_s_at	3G	5.058559e-03	207389_at	3G	7.443902e-03
203665_at	3G	5.088604e-03	207426_s_at	3G	7.451486e-03
204427 s at	3G	5.142881e-03	218276 s at	3G	7.452782e-03
211822 s at	3G	5.142881e-03	212573 at	3G	7.520777e-03
204127 at	3G	5.156487e-03	65591 at	3G	7.527131e-03
220753_s_at	3G	5.239447e-03			
			202947_s_at	3G	7.546644e-03
212078_s_at	3G	5.241343e-03	220757_s_at	3G	7.550053e-03
214318_s_at	3G	5.278753e-03	204466_s_at	3G	7.552412e-03
208925_at	3G	5.291181e-03	206390 x at	3G	7.573961e-03
202364 at	3G	5.361052e-03	201794 s at	3G	7.611608e-03
201737 s at	3G	5.462215e-03	205904 at	3G	7.736651e-03
219724_s_at	3G	5.571795e-03			7.769763e-03
			220173_at	3G	
220476_s_at	3G	5.58766e-03	218673_s_at	3G	7.82042e-03
64486_at	3G	5.605568e-03	213971_s_at	3G	7.86017e-03
204480_s_at	3G	5.725265e-03	205905_s_at	3G	7.894514e-03
204751 x at	3G	5.732649e-03	217892 s at	3G	8.080464e-03
219052_at	3G	5.735569e-03	217894 at	3G	8.085957e-03
202059 s at	3G	5.810835e-03	201540 at	3G	8.277909e-03
203634 s at					
203034_S_at	3G	5.811874e-03	204550_x_at	3G	8.423113e-03

200665 s at	3G	8.453681e-03	203939 at	3G	0.01
201771 at	3G	8.470106e-03	203763 at	3G	0.01
		0.540703- 03			
205600_x_at	3G	8.542703e-03	212430_at		0.01
214449_s_at	3G	8.6453e-03	215357 s at	3G	0.01
212185 x at	3G	8.646984e-03	212901 s at	3G	0.01
203694 s at	3G	8.680699e-03	207945 s at		
				3G	0.01
201965_s_at	3G	8.687274e-03	202621 at	3G	0.01
202776 at	3G	8.70261e-03	2055 <b>47</b> _s_at	3G	0.01
200712 s at	3G	8.740141e-03	202905 x at	3G	0.01
		0.7401416-03			
212190_at	3G	8.930025e-03	205386_s_at	3G	0.01
204346 s at	3G	8.956282e-03	2053 <b>47</b> s at	3G	0.01
59697 at	3G	9.002333e-03	202962 at	3G	0.01
$20920\overline{7}$ s at	3G	9.038553e-03			
		9.0363336-03	203242_s_at	3G	0.01
214048_at	3G	9.130659e-03	2033 <b>94_</b> s_at	3G	0.01
211395 x at	3G	9.177863e-03	218302 at	3G	0.01
220800 s at	3G	9.180775e-03	220944 at	3G	0.01
208445_s_at		9.180775e-03			
	36	9.100//Je-03	219192_at	3G	0.01
201490_s_at	3G	9.183337e-03	210465_s_at	3G	0.01
203414 at	3G	9.242539e-03	201881 s at	3G	0.01
202556 s at	3G	9.323285e-03	221219 s at	3G	0.01
207446 at		9.323324e-03			
		9.3233240-03	215836_s_at	3G	0.01
57703_at	3G	9.379893e-03	214437_s_at	3G	0.01
$20060\overline{2}$ at	3G	9.431195e-03	202246 s at	3G	0.01
208983 s at	3G	0 510746- 00	010760 -	3G	0.01
203803 at	3G	9.561374e-03	201660+		
	3G	9.5615746-05	201668_x_at	3G	0.01
202319_at	3G	9.585126e-03	201009_s_at	3G	0.01
204372 s at	3G	9.66289e-03	212096 s at	3G	0.01
219792 at	3G	9.693977e=03	206543 at	3G	0.01
208039_at	3.0	9.772065e-03	211570		
200039_ac	36	9.772063e=03	211578_s_at	3G	0.01
204081_at	3G	9.822038e-03	206150_at	3G	0.01
37424 at	3G	9.891932e-03	203846 at	3G	0.01
34408 at	3G	9.922385e-03	211773_s_at	3G	0.01
218433 at	3G	0.01	200004		
210433_at	36	0.01	208894_at	3G	0.01
201663 <u>_</u> s_at	3G	0.01	201178_at	3G	0.01
213887 s at	3G	0.01	204115_at	3G	0.01
203560 at	3G	0.01	215004 s at	3G	0.01
207760 s at	3G	0.01	211102 s at	3G	
	20	0.01	211102_S_at		0.01
206222_at	3G	9.512746e-03 9.561374e-03 9.585126e-03 9.66289e-03 9.693977e-03 9.772065e-03 9.822038e-03 9.891932e-03 9.922385e-03 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.	213988_s_at	3G	0.01
201831_s_at	3G	0.01	2026 <b>47</b> _s_at	3G	0.01
208403_x_at	3G	0.01	209712 at	3G	0.01
203456 at	3G	0.01	217872 at	3G	0.01
	30	0.01	217072_ac		
214398_s_at	3G	0.01	2103 <b>4</b> 0_s_at	3G	
214196_s_at	3G	0.01	220943_s_at	3G	0.01
209744 x at	3G	0.01	205001 s at	3G	0.01
214697 s at	3G	0.01	208727 s at	3G	0.01
218724 s at	3G	0.01			
			204319_s_at	3G	0.01
209518 <u>at</u>	3G	0.01	205273_s_at	3G	0.01
210088 x at	3G	0.01	220283 at	3G	0.01
203063 at	3G	0.01	203 <b>923</b> s at	3G	0.01
201383 s at					
	3G	0.01	206405_x_at	3G	0.01
209498_at	3G	0.01	208893_s_at	3G	0.01
206621_s_at	3G	0.01	202663_at	3G	0.01
203879 at	3G	0.01	204935 at	3G	0.01
218164_at	3G	0.01	221628_s_at	3G	0.01
218030_at	3G	0.01	207229_at	3G	0.01
219956_at	3G	0.01	209060 x at	3G	0.01
206845_s_at	3G	0.01	208478_s_at	3G	0.01
220094_s_at	3G	0.01	215159_s_at	3G	0.01
203659_s_at	3G	0.01	217094 s at	3G	0.01
200779 at	3G	0.01	210093 s at	3G	0.01
218264 at	3G	0.01	204192 at	3G	
					0.01
209069_s_at	3G	0.01	201225_s_at	3G	0.01
204282 <u>s</u> at	3G	0.01	202198_s_at	3G	0.01
203363 s at	3G	0.01	204732 s at	3G	0.01
			· - <del>-</del> - <del>-</del> - <del>-</del> - <del>-</del> -		

204493 at	3G	0.01	218733 at	3G	0.01
		0.01	214220 s at	3G	0.01
219860_at 202852_s_at	3G	0.01	201392 s at	3G	0.01
201992 s at	3G	0.01	209371 s at	3G	0.01
204528 s at		0.01	216988_s_at	3G	0.01
220244_at		0.01	218733_at 214220_s_at 201392_s_at 209371_s_at 216988_s_at 203395_s_at 208996_s_at 208097_s_at 57588_at 220287_at 35617_at	3G	0.01
34478 at	3G	0.01	208996 s at	3G	0.01
34478_at 39248_at	3G	0.01	208996_s_at 208097 s at	3G	0.01
210317_s_at	3G	0.01	57588_at	3G	0.01
215415 s at		0.01	220287 at		
208054_at		0.01	35617_at		0.01
	3G	0.01	211824 x at	3G	0.01
201487 at		0.01	AFFX-HUMISGF3		0.01
201121 s at		0.01	M9793	3G	0.01
200868 s at		0.01	217981 s at	3G	0.01
218586_at		0.01	202500_at	3G	0.01
38710 at	3G		204612 at	3G	0.01
206167_s_at	3G	0.01	219235_s_at	3G	0.01
215043 s at			221211 s at	3G	0.01
204404_at		0.01	206668_s_at	3G	0.01
212629 s at		0.01	218607 s at	3G	0.01
207079 s at	3G	0.01	204838 s at		0.01
219097 x at		0.01	206370 at	3G	0.01
211883_x_at		0.01	213490 s at	3G	
			204042_at 204440_at 203489_at	3G	0.01
214129_at 219073_s_at	3G	0.01	204440 at	3G	0.01
202513 s at	3G	0.01	203489 at	3G	
219981 x at		0.01	203534_at	3G	
218194_at		0.01		3G	0.01
214726 x at	3G	0.01			0.01
210786 s at	3G	0.01	218153_at 216061_x_at	3G	0.01
211997_x_at		0.01	201024 x at	3G	
205227_at	3G	0.01	207738 s at	3G	0.01
37966_at	3G	0.01	201320_at 212407_at	3G	0.01
214525_x_at		0.01	212407_at	3G	0.01
202855_s_at		0.01	205511_at	3G	0.01
209067_s_at	3G	0.01	203315_at	3G	0.01
	3G	0.01	209951_s_at	3G	0.02
213292_s_at		0.01	208960_s_at	3G	0.02
204026_s_at		0.01	208420_x_at	3G	0.02
212514_x_at		0.01	214150_x_at	3G	0.02
218124_at	3G	0.01	218942_at	3G	0.02
215438_x_at	3G	0.01	206183_s_at	3G	0.02
203081_at	3G	0.01	206551_x_at	3G	0.02
215111_s_at	3G	0.01	212553_at	3G	0.02
203759_at	3G	0.01	218600_at	3G	0.02
212720_at	3G	0.01	203931_s_at	3G	0.02
209149_s_at	3G	0.01	202958_at	3G	0.02
212417_at	3G	0.01	201338_x_at	3G	0.02
203513_at	3G	0.01	211889_x_at	3G	0.02
206336_at	3G	0.01	205158_at	3G	0.02
202082_s_at	3G	0.01	208112_x_at	3G	0.02
214681_at	3G	0.01	209839_at	3G	0.02
204599_s_at	3G	0.01	206134_at	3G	0.02
201052_s_at	3G	0.01	210985_s_at	3G	0.02
215977_x_at	3G	0.01	222360_at	3G	0.02
221096_s_at	3G	0.01	33768_at	3G	0.02
218718_at	3G	0.01	208947_s_at	3G	0.02
208705_s_at	3G	0.01	205659_at	3G	0.02
206235_at 201167 x at	3G	0.01	201161_s_at	3G	0.02
	3G 3G	0.01	207335_x_at	3G	0.02
204038_s_at 203064 s at	3G 3G	0.01	212106_at	3G	0.02
203064_s_at 218770 s at	3G	0.01	AFFX-HSAC07/	20	0.00
210//0_S_at	36	0.01	X00351_5	3G	0.02

212904 at	3G	0.02	220059 at	3G	0.02
217903_at	3G	0.02	201059_at		0.02
219186_at	3G	0.02	207551 <u></u> s_at		0.02
205339_at	3G	0.02	214929_s_at	3G	0.02
204000 at	3G	0.02	200735 x at	3G	0.02
202916_s_at	3G	0.02	38703 at	3G	0.02
202584_at	3G	0.02	203817_at	3G	0.02
208022 s at		0.02	208050 s at		
				3G	0.02
204686_at		0.02	205312_at	3G	0.02
215735_s_at		0.02	213545_x_at	3G	0.02
208485_x_at		0.02	218667_at	3G	0.02
206181 at	3G	0.02	210556 at	3G	0.02
206756 at		0.02	205068 s at		0.02
202978 s at		0.02	220336 s at		0.02
208351_s_at		0.02	202284 s at		0.02
		0.02			
			219232_s_at		0.02
215148_s_at	3G	0.02	210875_s_at	3G	0.02
209436_at		0.02	206263_at	3G	0.02
203468_at		0.02	208876_s_at	3G	0.02
218143_s_at	3G	0.02	201050_at	3G	0.02
209477 at	3G	0.02	201048_x_at	3G	0.02
208753 s at	3G	0.02	221695 s at	3G	0.02
202263 at		0.02	202379 s at		0.02
210695 s at		0.02	209194 at	3G	0.02
45749_at		0.02	_		
216262			218070_s_at		0.02
216262_s_at	3G	0.02	201720_s_at		0.02
218920_at	3G	0.02	211672_s_at		0.02
217909_s_at		0.02	221475_s_at	3G	0.02
206667_s_at	3G	0.02	213249_at		0.02
208624 s at	3G	0.02	20 <b>4601</b> _at	3G	0.02
212006 at	3G	0.02	201071 x at	3G	0.02
216969 s at	3G	0.02	205372_at		0.02
207808 s at	3G	0.02	38398 at		0.02
49485 at	3G	0.02	220521_s_at		0.02
218552 at			20021_5_at		
		0.02	206807_s_at	3G	0.02
211368_s_at		0.02	212589_at	3G	0.02
212333_at		0.02	202607_at	3G	0.02
201394_s_at		0.02	206493_at	3G	0.02
208875_s_at	3G	0.02	21 <b>6537</b> _s_at	3G	0.02
203005 at	3G	0.02	219515 at	3G	0.02
204687 at	3G	0.02	217730 at	3G	0.02
204415_at	3G	0.02	221514 at	3G	0.02
201943 s at	3G	0.02	205315 s at	3G	0.02
208149 x at	3G	0.02	218371 s at	3G	0.02
202862 at	3G	0.02	218561 s at		0.02
				3G	
221789_x_at	3G	0.02	206044_s_at	3G	0.02
214366_s_at	3G	0.02	205841_at	3G	0.02
217502_at	3G	0.02	212863_x_at	3G	0.03
203864_s_at	3G	0.02	213607_x_at	3G	0.03
211250 s at	3G	0.02	206108 s at	3G	0.03
206586 at	3G	0.02	221210 s at	3G	0.03
214843 s at	3G	0.02	206445 s at	3G	0.03
204978 at	3G	0.02	218583 s at	3G	0.03
208708 x at	3G	0.02	218317 x at	3G	0.03
212974_at	3G	0.02	219257_s_at	3G	0.03
213122_at	3G	0.02	208610_s_at	3G	0.03
202016_at	3G	0.02	218301_at	3G	0.03
216689_x_at	3G	0.02	202288_at	3G	0.03
201786_s_at	3G	0.02	218987 <u>a</u> t	3G	0.03
211185_s_at	3G	0.02	207979 s at	3G	0.03
202874 s at	3G	0.02	218473 s at	3G	0.03
209366 x at	3G	0.02	201158 at	3G	0.03
205230 at	3G	0.02	213224 s at	3G	0.03
214427 at	3G	0.02	205353 s at	3G	0.03
-1772/_aL	56	0.02	205353_8_at	56	0.03

202809 s_at	3G	0.03	218211 s at	3G	0.03
218887 at	36	0.03	205357 s at	3G	0.03
			<b>-</b> -		
218953_s_at	3G	0.03	212782_x_at	3G	0.03
209878_s_at	3G	0.03	216933 x at	3G	0.03
218190 s at	3G	0.03	201701 s at	3G	0.03
218243 at	3G				
_		0.03	217043_s_at	3G	0.03
206006_s_at	3G	0.03	216399 s at	3G	0.03
219356 s at	3G	0.03	212026 s at	3G	0.03
218972 at	3G	0.03	220241 at	3G	0.03
210568_s_at	3G	0.03	204059_s_at	3G	0.03
160020 at	3G	0.03	202 <b>047</b> _s_at	3G	0.03
219788_at	3G	0.03	201709_s_at		0.03
		0.03			
54037_at 201039_s_at	3G		202610_s_at	3G	0.03
201039_s_at	3G	0.03	217478_s_at	3G	0.03
201890 at	3G	0.03	206398 s at	3G	0.03
212003 at	36	0.03	217475_s_at		0.03
207419_s_at		0.03	217691_x_at		0.03
213095_x_at	3G	0.03	21 <b>4130</b> _s_at	3G	0.03
210858 x at	3G	0.03	218774 at	3G	0.04
211316 x at		0.03	207460_at	3G	0.04
			207400_ac	20	
208934_s_at		0.03	209301_at		
219109_at 202643 s at	3G	0.03	21 <b>4472</b> _at	3G	0.04
202643 s at	3G	0.03	20 <b>4</b> 560 at	3G	0.04
205442 at		0.03	217299_s_at	3G	0.04
			217299_S_at	26	
219901_at	3G	0.03	221893_s_at		0.04
202926 <u>a</u> t	3G	0.03	201365 at	3G	0.04
204786 s at	3G	0.03	208594 x at	3G	0.04
$215719 \times at$		0.03	202209 at		0.04
218350_s_at	36	0.03	214773_x_at	3G	0.04
216841_s_at	3G	0.03	219191 s at	3G	0.04
203334 at	3G	0.03	2039 <b>44</b> x at	3G	0.04
201306 s at	3G	0.03	211969 at	3G	0.04
218597_s_at	3G	0.03	214783_s_at	3G	0.04
221755_at	3G	0.03	218659 at	3G	0.04
200871 s at	3G	0.03	2139 <b>40</b> s at	3G	0.04
208975 s at	3G	0.03	200048 s at	3G	0.04
			<del>-</del> -		
201104_x_at	3G	0.03	217975_at	3G	0.04
204761_at	3G	0.03	2035 <b>80</b> s at	3G	0.04
203300_x_at	3G	0.03	205053 <u>a</u> t	3G	0.04
204872 at		0.03	210190 at	3G	0.04
			210190_at 201570_at	20	
204770_at		0.03			0.04
1007_s_at	3G	0.03	208 <b>6</b> 11_s_at	3G	0.04
208772_at	3G	0.03	220419_s at	3G	0.04
222133 s at	3G	0.03	218493 at	3G	0.04
210825 s at	3G	0.03	209019 s at		
				3G	0.04
218852_at	3G	0.03	211749_s_at	3G	0.04
210754_s at	3G	0.03	218373 at	3G	0.04
203285_s_at	3G	0.03	212193 s at	3G	0.04
219551 at	3G	0.03	214878 at		
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202940_at	3G	0.03	202253_s_at	3G	0.04
206993 at	3G	0.03	218935 at	3G	0.04
214291_at		0.03	206096_at		
			200050_ac	20	
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220421 at	3G	0.03	205809_s_at	3G	0.04
218104_at		0.03	209416 s at	3G	
	3G	0.03	203 <b>420_</b> at	3G	0.04
204186_s_at	3G	0.03	201297_s_at	3G	0.04
214688 at	3G	0.03	211752 s at		0.04
213307 at		0.03	20 <b>9964</b> s at	3G	0.04
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203941 at	3G	0.03	215220 s at	3G	0.04
2000771_ac	53	0.03	213220_5_at	J <b>G</b>	0.04

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208924 at	3G	0.04	212107 s at	ЗН	5.15e-04
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	- L L	~ · · · · · · · · · · · · · · · · · · ·	ZOOOJI X GE	3Н	6.822141e-03

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6.904017e-03
208917 x at
              3Н
                                          203803 at
                                                            9.561374e-03
202775 s at
              ЗН
                  6.920095e-03
                                          202319 at
                                                            9.585126e-03
211716 x at
                                          211090 s at
              ЗН
                  6.961852e-03
                                                            9.649643e-03
202742 s at
              ЗН
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220305 at
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200604 s at
              3H
                  7.049103e-03
                                          219792 at
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                                                            9.693977e-03
210734 x at
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206470 at
                  7.256862e-03
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                                                            9.822038e-03
201685 s at
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214355 x at
                  7.341418e-03
                                          34408 at
              ЗН
                                                        3H
                                                            9.922385e-03
202655 at
                                          211413_s_at
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                                                        3H
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218122_s_at
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                                          201942_s_at
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207389 at
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                  7.451486e-03
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              ЗН
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202947_s_at
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213971_s_at
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202342_s_at
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201540_at
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              ЗН
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201490 s at
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57703 at
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              ЗН
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              3H 9.512746e-03
208983 s at
                                           215357 s at
                                                        3н
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208055 s at	3Н	0.01	204192 at	ЗН	0.01
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207945_s_at	3H	0.01	204192_at 201225_s_at 201225_s_at 211574_s_at 219015_s_at 202198_s_at 204732_s_at 204493_at 207629_s_at 218129_s_at 218129_s_at 219860_at 210252_s_at 201992_s_at 204528_s_at 204528_s_at 204528_s_at 201992_s_at 2015236_s_at 21066_x_at 211066_x_at 210317_s_at 215415_s_at 208054_at 221483_s_at	ЗН	0.01
202621 at	3H	0.01	219015_s_at	ЗН	0.01
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			202196_S_at		0.01
202905_x_at	3H	0.01	204732 s at	ЗН	0.01
205386_s_at	3Н	0.01	204493 at	_	0.01
		0.01	207752		
	3н		207629_s_at	ЗН	0.01
214813 at	3H	0.01	218129 s at	ЗН	0.01
202962_at	२म	0 01	219860 at		0.01
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203242_s_at			210252_s_at		0.01
203394_s_at	3 <b>H</b>	0.01	201992 s at	ЗН	0.01
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219192 at	3H	0.01	34478 at	ЗН	0.01
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214336_s_at		0.01	211066_x_at	ЗН	0.01
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			39240_aL	Эн	
215836_s_at			210317_s_at	ЗН	0.01
220187_at	3H	0.01	215 <b>4</b> 15 s at	ЗН	0.01
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214437_s_at 201844 s at	311	0.01	208054_at	эп	0.01
			221483_s_at 201487_at	ЗН	0.01
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212763 at		0.01	201121 s at		
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			36/10_at	3H	
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211578 s at	3 <b>H</b>				0.01
211370_3_40	211		204404_at 212629_s_at	Эп	
206150 <u>at</u>	3Н	0.01	212629_s_at	ЗН	0.01
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213370_3_40	211				
203846_at 211773_s_at	3 <b>H</b>		211883_x_at	3 <b>H</b>	0.01
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216392 s at	311	0.01	219104_a+	3H	
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204350_s_at	ЗН	0.01	214726_x at	ЗН	0.01
209712 at	3 <b>H</b>	0.01	210786 s at	3H	0.01
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205001					
205001_s_at	ЗН	0.01	37966_at	ЗН	0.01
208727 s at	3Н	0.01	$21452\overline{5}$ x at	ЗН	0.01
204319 s at	3H	0.01	202855 s at	ЗН	0.01
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205273_s at	3H	0.01	205408 at	3H	0.01
220283 at	ЗН	0.01	218789 <u>_</u> s_at	ЗН	0.01
220888 s at					
	3H	0.01	213292_s_at	3H	0.01
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206405 x at	3н	0.01	212514 x at	ЗН	0.01
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209060 x at	3H	0.01			
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208478_s_at	3 <b>H</b>	0.01	203119_at	3Н	0.01
215159 s at	ЗН	0.01	212720_at	3н	0.01
217094 s at		0.01	1494 f at	3H	0.01
206060 <u>s</u> at	3н	0.01	209149_s_at	3н	0.01
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212 <b>41</b> 7_at	ЗН	0.01	205511_at	3 H	0.01
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218013 x at	ЗН	0.01	208960_s_at	3н	0.02
216591 s at		0.01	208420 x at		0.02
204599_s_at		0.01	214150 x at		0.02
201052 s at	3H	0.01	218942 at	3н	0.02
215977 x at	ЗН	0.01	218942_at 202483_s_at	3н	0.02
201711 x at	ЗН	0.01	206183_s_at	3H	0.02
221096 s at	3H	0.01	206551 x at		
218718 at	ЗН	0.01	205511_at 203315_at 209951_s_at 208960_s_at 208420_x_at 214150_x_at 218942_at 202483_s_at 206183_s_at 206551_x_at 212553_at 203931_s_at		0.02
208705 s at	3н	0.01	203931 s at	ЗН	
218718_at 208705_s_at 206235_at	3н	0.01	203931 <u>s</u> at 202958_at	ЗН	0.02
201167_x_at	3H	0.01	201001_s_at	ЗН	0.02
204038_s_at	3н	0.01	201338 x at		
76897_s_at 203064_s_at	ЗН	0.01	211889_x_at	ЗН	
203064 <u>s</u> at	ЗН	0.01	205467_at 205158_at	ЗН	0.02
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214220_s_at		0.01	218037_at	ЗН	0.02
208853_s_at	ЗН	0.01	209839 <u>a</u> t	ЗН	0.02
201392 s at	3H	0.01	206134_at 210985_s_at 222360_at	ЗН	0.02
216988 <u>s</u> at			210985_s_at	ЗН	0.02
219574_at			222360_at	ЗН	0.02
203395 <u>s</u> at	ЗН	0.01	200796 s at	ЗН	0.02
37462_i_at 208097_s_at	ЗН	0.01	33768_at 208947_s_at 205659_at	ЗН	0.02
208097_s_at	ЗН	0.01	208947_s_at	3 <b>H</b>	0.02
35617_at					
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211521_s_at 204881_s_at	3H	0.01	207335 <u>x</u> at		
204881_s_at	3H		201571 <u>s</u> at 217903_at	ЗН	0.02
211299_s_at		0.01	217903_at	ЗН	0.02
AFFX-HUMISGF			201635_s_at		
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221211 s at	3H	0.01	206465_x_at 217742_s_at	3H	0.02 0.02
206668 s at		0.01	217742_S_at 206181 at	3H	0.02
203600 s at	3H	0.01	210658 s at	3H	0.02
210969 at		0.01	210030_s_at 209882 at	3H	0.02
		0.01	206756 at	3H	0.02
203742 s at	3H	0.01	214995_s_at	3H	0.02
204838 s at	3H	0.01	204109 s at		
217830 s at		0.01	201103_5_dc 202978 s at	3H	0.02
204042 at		0.01	202370_5_dt 202337_at	3H	0.02
208998 at	3H	0.01	208351 s at	3H	0.02
200806 s at	3H	0.01	204040 at	3H	
204440 at	3H	0.01	209436 at	3H	
203489 at	3H	0.01	218143 s at	3H	
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201181 at	3H	0.01	202263 at	3H	0.02
	3H	0.01	210695 s at	3H	0.02
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201320 at	3H	0.01	205920 at	3H	0.02
212407 at	3H	0.01	216262 s at	3H	0.02
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218926_at	ЗН	0.02	209194_at	3H	0.02
217909 s at	3 H	0.02	218070_s_at		0.02
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208 <b>44</b> 7 s at	ЗН	0.02	211159_s_at	3н	0.02
218994 s at	ЗН	0.02	211672 s at		0.02
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207808 s at	311	0.02	201095_at 205372_at	211	
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20468/_at	3H	0.02	221514_at 218371_s_at	3H	0.02
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212948 at	311	0.02	208610 s at	3 н	0.03
204978 at	211		210201 -	211	0.03
		0.02	218301_at		
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38703 at	3H	0.02	54037 at	3н	0.03
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218667 at	3H	0.02	201890 at	3H	0.03
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211307_s_at	3H	0.02	202904_s_at	ЗН	0.03
	ЗН	0.02	211316 x at	ЗН	0.03
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201048_x at	ЗН	0.02	201468 s at	3Н	0.03
221695_s_at	3Н	0.02	213022 s at		0.03
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	3n	0.03	203580_s_at	3H	0.04
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              31
                  2.533772e-03
                                           1553750 a at 3I
                                                             4.095002e-03
202811 at
              3I
                  2.557101e-03
                                           200863_s_at
                                                         3I
                                                             4.105137e-03
211138_s_at
              31
                  2.572489e-03
                                           202758_s_at
                                                         31
                                                             4.117769e-03
                                           203333_at
228009_x_at
              31
                  2.619206e-03
                                                         31
                                                             4.152408e-03
209875_s_at
                  2.689922e-03
              31
                                           217167_x_at
                                                         31
                                                             4.185803e-03
237338_at
                  2.712657e-03
              31
                                           211734_s_at
                                                         31
                                                             4.196195e-03
203275_at
                                           207464_at
              31
                  2.721696e-03
                                                         31
                                                             4.208059e-03
                                           202644_s_at
203840_at
              3I
                  2.724585e-03
                                                         3T
                                                             4.224065e-03
210772_at
              31
                  2.745306e-03
                                           204538_x_at
                                                         3T
                                                             4.235151e-03
201886_at
              31
                  2.747898e-03
                                           210754_s_at
                                                         31
                                                             4.305918e-03
202906_s_at
              31
                  2.763603e-03
                                           208546 x at
                                                         31
                                                             4.367049e-03
206472_s_at
                  2.7821e-03
              31
                                           209426_s_at
                                                         31
                                                             4.416852e-03
              31
                  2.783205e-03
222983_s_at
                                           223781 x at
                                                             4.463334e-03
                                                         31
                                           219458_s_at
219080_s_at
              31
                  2.796901e-03
                                                         31
                                                             4.495817e-03
217916_s_at
              31
                  2.816023e-03
                                           221345 at
                                                         31
                                                             4.649778e-03
204995 at
              3 I
                  2.816123e-03
                                           217299 s at
                                                         3I
                                                             4.678801e-03
211864_s_at
              31
                  2.84171e-03
                                           204628 s at
                                                         31
                                                             4.688269e-03
210231_x_at
              3I
                  2.855423e-03
                                           209906 at
                                                         31
                                                             4.688739e-03
1554145 a at 3I
                  2.886558e-03
                                           219210 s at
                                                         31
                                                             4.729545e-03
                                           209880_s_at
214590 s at
              3I
                  2.984396e-03
                                                             4.731389e-03
                                                         31
220052 s at
              3I
                  3.005048e-03
                                           202264 s at
                                                         31
                                                             4.732346e-03
209020 at
              31
                  3.022504e-03
                                           225267 at
                                                         31
                                                             4.734165e-03
217853 at
              3I
                  3.0355e-03
                                           210048 at
                                                         31
                                                             4.767215e-03
204601 at
              3I
                  3.056331e-03
                                           213017 at
                                                             4.776452e-03
                                                         31
203217 s at
                  3.090253e-03
              3I
                                           1556009 at
                                                         31
                                                             4.778687e-03
239598_s_at
              31
                  3.095681e-03
                                           201179_s_at
                                                        31
                                                             4.796855e-03
```